PRODUCT CATALOGUE

Remoratical

Remotanet



The 8th edition of the Remora product catalogue - where expertise meets innovation, reliability, and an even broader spectrum of cutting-edge solutions.

To our esteemed customers. both familiar faces and those new to the Remora experience, BOOK8 is more than just a collection of products, it is a testament to our enduring commitment to excellence. For over 50 years we have been synonymous with tried and tested products, and we are excited to unveil an extensive array of new additions. In this edition you will find our most extensive range of cable termination and accessories vet, reinforcing our dedication to meeting the evolving needs industries spanning Oil of Gas. Petrochemical, and Pharmaceutical, Rail, Defence, Panel Builders, OEMs, and electrical contractors serving both commercial and domestic markets.

ABOUT THIS CATALOGUE

Nestled just a stone's throw from J36 of the M1 motorway, our purpose built hub is the heartbeat of our operations, housing over 18,000 line items and 3.5 million stock units our commitment to meeting your needs has never been stronger. Whether you are a regular at our bustling trade counter or prefer the convenience of our swift next working day delivery service, your order is never far away. About this catalogue: Within the fresh vibrant pages you will discover products that redefine industry standards, particularly in the realm of hazardous area components - an area where Remora doesn't just set the bar; we are the bar. We pride ourselves on maintaining substantial stocks of these goods for immediate despatch. In an era where continued pricing pressures persist, we recognise the importance of upholding quality and standards. Our collaboration with carefully handpicked, specialist manufacturers ensures that every Remora product not only meets but exceeds expectations. Turning the pages, you will find our products thoughtfully organised into categories, each introduces the essence of the group providing technical detail such as sizing charts, dimensional drawings, relevant certification, and standards, and of course not forgetting the allimportant part numbers. So, join us in this journey through BOOK8, a fusion of tradition and innovation where our commitment to What 3words III tribe edit. doubs quality and service shines brighter than ever before. Welcome to a world where every product tells a story and you're at the heart of it.

Remora

HOW TO FIND US

We are based at the Shortwood Business Park near Barnsley in South Yorkshire. One mile from Junction 36 of the M1. Take the A6195 for approximately 1 mile - at the third round about, take the first exit left - in 50 meters take the first left into Shortwood Court. turning right at the very end you will arrive at our building.



WELCOME TO REMORA

HOW TO ORDER

Our products are available from all large wholesalers and distributors. For product prices or technical information visit our website or give us a call.

www

Website

www.remora.net

Visit our website for product specifications and easy ordering

Email

sales@remora.net Enquiries and Orders

WhatsNew@remora.net

For latest promotions and mailing list sign up

Telephone

01226 352 000

Challenge us. Our friendly and experienced sales team are always happy to help

PAYMENT OPTIONS

We accept most major debit and credit cards or why not look towards a credit account? Simply ask one of our sales team for an account application form, fill it in and return it to us and you're good to go! (Credit account acceptance subject to status) We can also arrange to take advanced payment by Pro-forma invoice should you prefer.



(Remora Electrical terms and conditions of sales can be requested from any member of our team)

ORDERING & DELIVERY

UK next day delivery as standard.

Next working day delivery is our standard service for all areas of the UK mainland (exceptions apply)

Free delivery on orders over \$100 \$8.50 for all orders under \$100

Deliveries to the following areas are subject to a 2 day service and may incur additional charges depending on weight: Shetland Islands, Scottish Highlands & Islands, Channel Islands, Northern Ireland, Isle of Man

Export Service available. Worldwide delivery available upon request for more information please contact one of our sales team.

QUALITY ASSURANCE

We are accredited to BS EN ISO9001:2015 Having been awarded the UKAS Accreditation Mark in respect to those activities covered by certificate number CA3515 held by QAS.



The Team at Remora

Free Standard Delivery On All

Orders Over £100

UK Standard Service

Next Day pre-10:30

Next Day pre-12:00 Saturday pre-12:00

UK Highlands & NI

Next Day (Surcharge)

Next Day (Surcharge)

Road, Air & Seafreight

Next Day

Sunday

Two Dav

Ireland

Two Day

Rest of World

Services available

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Ident & Terminals | SECTION CONTENTS

Copper

Heatshrink Repair

Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

IDENTIFICATION & WIRING TERMINALS

Identification & Wiring Terminals

Identification & Wiring Terminals

Introducing the Link-Lok Wire and Cable Identification System, meticulously engineered to cater to the dimensions of the most commonly employed cable sizes in various industrial and commercial applications. The distinctive Chevron cut shape of this innovative system not only ensures seamless and precise alignment but also serves as a testament to its ergonomic design.

Our range of Wiring Terminals, also referred to as electrical terminals or terminal connectors, include; Ring Terminals, push-on Bullet and Spade Terminals, Butt Splices and Cord End Terminals. Manufactured from tin-plated copper for maximum conductivity they can be supplied preinsulated with vinyl insulation.

Industry standard sizes and colours are available in all our ranges of wiring terminals. Conforming to DIN 46288 part 4 means quality is exceptional and reliability is paramount. Our terminals are certified to be used where temperatures can range between -40°C and 105°C Cable Markers Cord Ends Pre-Insulated

Cable Markers: Link-Lok Cable Markers designed for wire and cables 0.75 to 16.0mm² and used in applications including general panel building, mass transit, telecoms & utilities. Available in Black on White and colour coded numbers to BS6004 & BS6231.

Cord Ends: Specifically designed for use in conjunction with multi stranded and tri-rated cables, cord end terminals, or as many will refer to them as bootlace ferrules, provide a secure and tidy finish to any wiring. 28 different types in 16 sizes from 0.25mm² to 120mm² in both French and German colour ranges means you will always have what the job needs.

Pre-Insulated: The main terminal body, manufactured from copper and electro tin plated, requires an insulating material around the cable barrel to protect against short circuits. Terminals are offered in 3 main sizes determined by the industry standard colours 0.5-1.5mm² red, 1.5-2.5mm² blue and 4-6mm² yellow.

Fixing & Security

6

SECTION CONTENTS | Ident & Terminals

IDENTIFICATION & WIRING TERMINALS



Ident & Terminals | IDENTIFICATION

Cable Markers

Introducing the Link-Lok Wire and Cable Identification System, meticulously crafted to cater to the most commonly used cable sizes. The Chevron cut shape

ensures precise alignment, while the expanding gusset feature offers flexibility in accommodating different sizes within a single design. This streamlined system simplifies cable identification, reduces the risk of misalignment, and provides a

cost-effective solution for professionals working with varying cable diameters.

Loose & Reel Supplied Markers

CABLE MARKERS

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security



Loose Bagged Cable Markers

Filling up the compartments of your cable marker kits is quick and easy with loose bagged markers. You also have the flexibility to customise your kit to your exact requirements.

Temperature Range: -45°C to 70°C Material: Self-Extinguishing PVC Range: 0.2 to 16mm² Colour: White, Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Grey Standards: BS6004 / BS6231 (Black on White Markers)



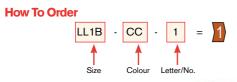
Code	Description	Cable Dia	Cable Size mm ²	Marker Length	Supplied QTY
LL1B-BW-	Black Text on White	2.5 - 5.0	0.75 - 6.0	3	1000
LL1B-CC-	Colour Coded Numbers	2.5 - 5.0	0.75 - 6.0	3	1000

Black on White markers available A to Z 0 to 9 and Symbols



Applicators

Code	Description	Cable Size mm ²
LLMA-P	Blue Plastic Applicator	0.75-6.0mm ²
LLMA-SS	Teflon Coated Stainless Steel Applicator	0.75-6.0mm ²









R 10 2434 5 5148 9

IDENTIFICATION I Ident & Terminals

CABLE MARKER KITS



Ident & Terminals | IDENTIFICATION

CABLE MARKERS KITS

Copper

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security Cable Markers Markers Kits

Link-Lok Wire and Cable Identification System, the ultimate solution for all your cable identification requirements. Available in three convenient sizes – Small with 12 compartments, Medium with 18 compartments, and Large with 50 compartments – our Marker Kits ensure that you have everything you need neatly organized and readily accessible.





Link-Lok Small 12 Compartment Marker Kit

12-compartment small Link-Lok slide-on colour coded cable marker kit is suitable for cable sizes from 0.75mm² to 6.0mm², kit supplied with marker plastic applicator.

Temperature Range: -45°C to 70°C Material: Self-Extinguishing PVC Range: 0.75 to 6mm² Standards: BS6004 / BS6231 (Black on White Markers)



Kit contains 200 of each character

Code	Description	Cable Dia	Cable Size mm ²	QTY
LL1K-12	200x 0-9 (Coloured) L & N	2.5 - 5.0	0.75 - 6.0	2400

Link-Lok Medium 18 Compartment Marker Kit

18-compartment medium Link-Lok slide-on colour coded cable marker kit is suitable for cable sizes from 0.75mm² to 6.0mm², kit supplied with marker stainless steel applicator.

Temperature Range: 45°C to 70°C Material: Self-Extinguishing PVC Range: 0.75 to 6mm² Standards: BS6004 / BS6231 (Black on White Markers)



Kit contains 200 of each character

Code	Description	Cable Dia	Cable Size mm ²	Approx. Kit QTY
LL1K-18	200x 0-9 (Coloured) L,N,R,S,T,+,-,earth	2.5 - 5.0	0.75 - 6.0	3600

IDENTIFICATION I Ident & Terminals

CABLE MARKER KITS

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

Link-Lok Large 50 Compartment Marker Kit

50-compartment Large Link-Lok slide-on colour coded cable marker kit is suitable for cable sizes from 0.75mm² to 6.0mm², kit supplied with stainless steel marker applicator.

Temperature Range: -45°C to 70°C Material: Self-Extinguishing PVC Range: 0.75 to 6mm² Standards: BS6004 / BS6231 (Black on White Markers)



Kit contains 200 of each character



Code Description		Cable Dia	Cable Size mm ²	Approx. Kit QTY
LL1K-50	200x 0-9 (Coloured) A to Z Special Characters	2.5 - 5.0	0.75 - 6.0	10000

Empty Compartment Kit

Empty compartment kits allows you the freedom to make up kits to your bespoke requirements.

Material: Polypropylene (PP)



Code	Description	Dimensions	
CK12	12 Compartment Kit	175 x 143 x 32	
CK18	18 Compartment Kit	240 x 195 x 43	
CK50	50 Compartment Kit	413 x 330 x 57	



Challenge us - We find a solution

Ident & Terminals | SECTION CONTENTS

CORD END TERMINALS

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Cord Ends Standard & Dual Cord End Terminals

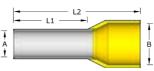
Standard length cord end terminals are manufactured from tin plated electrolytic copper. We supply 28 different types, in 16 sizes, available in both French and German colour ranges.



Cord End (Bootlace) Terminals

Ideal to reinforce the fine wire strands when terminating a cable into a connector block. Suitable for tri-rated cables and in accordance with DIN 46288 Part 4.

Temperature Range: -40°C to 105°C Material: Tin Plated Copper / Nylon Insulation



Colour: Violet, White, Blue, Red, Black, Grey, Orange, Green, Brown, Light Blue, Ivory, Beige Voltage: 600V Standards: DIN 46288 Part 4

Colour Code: A = French / B = German

Code	Colour	Range mm ²	ID (A)	ID (B)	Pin (L1)	Length (L2)	Pack QTY		
CE0.25A	Violet	0.25	0.8	2.0	6.0	10.4	100		
CE0.25B	Lt Blue	0.25	0.8	2.0	6.0	10.4	100		
CE0.50A	White	0.50	1.0	2.6	8.0	14.0	100		
CE0.50B	Orange	0.50	1.0	2.6	8.0	14.0	100		
CE0.75A	Blue	0.75	1.2	2.8	8.0	14.0	100		
CE0.75B	White	0.75	1.2	2.8	8.0	14.0	100		
CE1.0A	Red	1.0	1.4	3.0	8.0	16.0	100		
CE1.0B	Yellow	1.0	1.4	3.0	8.0	16.0	100		
CE1.5A	Black	1.5	1.7	3.5	8.0	14.0	100		
CE1.5B	Red	1.5	1.7	3.5	8.0	14.0	100		
CE2.5A	Grey	2.5	2.3	4.2	8.0	15.0	100		
CE2.5B	Blue	2.5	2.3	4.2	8.0	15.0	100		
CE4.0A	Orange	4.0	2.8	4.8	9.0	16.0	100		
CE4.0B	Grey	4.0	2.8	4.8	9.0	16.0	100		
CE6.0A	Green	6.0	3.5	6.0	12.0	22.0	100		
CE6.0B	Black	6.0	3.5	6.0	12.0	22.0	100		
CE10.0A	Brown	10.0	4.5	7.4	12.0	22.0	100		
CE10.0B	lvory	10.0	4.5	7.4	12.0	22.0	100		
CE16.0A	lvory	16.0	5.8	8.8	12.0	22.0	100		
CE16.0B	Green	16.0	5.8	8.8	12.0	22.0	100		
CE25.0A	Black	25.0	7.5	11.0	16.0	28.0	100		
CE25.0B	Brown	25.0	7.5	11.0	16.0	28.0	100		
CE35.0A	Red	35.0	8.3	12.7	16.0	30.0	100		
CE35.0B	Beige	35.0	8.3	12.7	16.0	30.0	100		
CE50.0A	Blue	50.0	10.3	15.0	19.0	36.0	50		
CE70.0A	Yellow	70.0	13.5	16.0	20.0	37.0	50		
CE95.0A	Red	95.0	14.7	18.0	25.0	44.0	50		
CE120.0A	Blue	120.0	16.7	21.0	27.0	48.0	50		



Earthing Lightning MICC Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

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CORD END & DUAL CORD END TERMINALS

Uninsulated Cord End (Bootlace) Terminals

Uninsulated cord end terminal for terminating cable ends before fitting into screw type termination blocks/connectors.

Pack QTY

100

100

100

100

100

100

100

100

100

100

100

100

100

100

· Flared barrel for easy wire insertion.

Temperature Range: -40°C to 105°C Material: Tin Plated Copper Voltage: 600V Standards: DIN 46288 Part 1



Pin (L1)

6.0

10.0

10.0

10.0

12.0

12.0

15.0

18.0

15.0

18.0

32.0

32.0

32.0

32.0



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Copper	nus

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Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.



Earthing Lightning

B



Dual Cord End (Bootlace) Terminals

A complete range of dual entry cord end terminals. Designed to accommodate two cables terminating in the same sleeve. • They are ideal for looping conductors.

Temperature Range: -40°C to 105°C Material: Tin Plated Copper / Nylon Insulation Colour: Black, Blue, White, Grey, Yellow, Red Voltage: 600V Standards: DIN 46288 Part 4





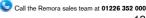
L1

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12

Code	Colour	Range mm ²	ID (A)	ID (B)	Pin (L1)	Length (L2)	Pack QTY
TWIN0.50	White	2x 0.50	1.5	4.9	8.0	15.0	100
TWIN0.75	Grey	2x 0.80	1.8	5.2	8.0	15.0	100
TWIN1.0	Red	2x 1.0	2.0	5.3	8.0	15.0	100
TWIN1.5	Black	2x 1.5	2.3	6.5	8.0	16.0	100
TWIN2.5	Blue	2x 2.5	2.9	8.0	10.0	18.5	100
TWIN4.0	Grey	2x 4.0	3.8	8.8	12.0	23.0	100
TWIN6.0	Yellow	2x 6.0	4.9	9.3	14.0	26.0	100
TWIN10.0	Red	2x 10.0	6.5	12.8	14.0	26.5	100
TWIN16.0	Blue	2x 16.0	8.3	18.5	14.0	30.5	100





Range mm²

0.50

0.75

1.0

1.5

2.5

40

6.0

10.0

25.0

35.0

50.0

70.0

95.0

120.0

ID (A)

1.0

1.2

1.4

1.7

2.3

2.8

3.5

4.5

7.5

8.3

10.3

14.8

14.8

16.7

ID (B)

1.7

1.9

22

2.5

3.3

39

4.7

5.8

9.1

10.2

11.5

15.8

17.3

20.2

Code

UNCE0.5-6

UNCE0.75-10

UNCE1.0-10

UNCE1.5-10

UNCE2.5-12

UNCE4.0-12

UNCE6.0-15

UNCE10.0-18

UNCE25.0-15

UNCE35.0-18

UNCE50.0-32

UNCE70.0-32

UNCE95.0-32

UNCE120.0-32

Ident & Terminals | PRE-INSULATED RING TERMINALS

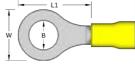
PRE-INSULATED CRIMP TERMINALS



Pre-Insulated Ring Terminals

Ring terminals connect a single wire to a screw or stud type electrical connection. The terminal connectors ring shape completely surrounds the screw or stud to create a tight connection.

Temperature Range: -10°C to 75°C Material: Tin Plated Copper / Vinyl Insulation Colour: Red, Blue, Yellow Voltage: 600V Standards: DIN 46288 Part 4



L2

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Code	Colour	Range mm ²	ID (A)	ID (B)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RR32		0.5-1.5	1.7	3.3	7.5	17.5	5.5	100
RR37		0.5-1.5	1.7	3.8	7.5	17.5	5.5	100
RR43		0.5-1.5	1.7	4.4	9.4	19.4	6.6	100
RR53	Red - 19A Max	0.5-1.5	1.7	5.4	10.8	20.8	8.0	100
RR64	-	0.5-1.5	1.7	6.4	16.8	26.7	11.6	100
RR84		0.5-1.5	1.7	8.4	16.8	26.7	11.6	100
RR105		0.5-1.5	1.7	10.5	20.5	30.5	13.6	100
BR32		1.5-2.5	2.3	3.3	7.8	17.8	6.6	100
BR37		1.5-2.5	2.3	3.8	7.8	17.8	6.6	100
BR43	-	1.5-2.5	2.3	4.4	11.8	21.8	6.6	100
BR53	Blue - 27A Max	1.5-2.5	2.3	5.4	11.8	21.8	8.5	100
BR64	Blue - 27A Max	1.5-2.5	2.3	6.4	16.8	26.8	12.0	100
BR84	-	1.5-2.5	2.3	8.4	16.8	26.8	12.0	100
BR105		1.5-2.5	2.3	10.5	20.5	30.5	13.6	100
BR130	-	1.5-2.5	2.3	13.0	25.4	35.4	19.2	100
YR43		4.0-6.0	3.4	4.4	9.7	23.2	7.2	100
YR53		4.0-6.0	3.4	5.4	13.0	27.3	9.5	100
YR64	Velley, 404 May	4.0-6.0	3.4	6.4	16.5	29.5	12.0	100
YR84	Yellow - 48A Max	4.0-6.0	3.4	8.4	21.0	34.5	15.0	100
YR105		4.0-6.0	3.4	10.5	21.0	34.5	15.0	100
YR130		4.0-6.0	3.4	13.0	25.6	39.1	19.2	100

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

Pre-Insulated Ring, Fork and Blade Terminals

Made from high conductivity copper, these terminals are electro-tin plated for excellent conductivity and resistance to corrosion. Pre-Insulation is manufactured from Vinyl with a flared barrel for easy wire insertion.

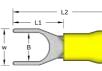


PRE-INSULATED RING TERMINALS | Ident & Terminals

PRE-INSULATED CRIMP TERMINALS

Pre-Insulated Fork Terminals 99799





Code	Colour	Range mm ²	ID (A)	ID (B)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RF32		0.5-1.5	1.7	3.3	10.0	21.0	5.7	100
RF37		0.5-1.5	1.7	3.8	10.0	21.0	5.7	100
RF43	Red - 19A Max	0.5-1.5	1.7	4.4	10.0	21.0	6.4	100
RF53		0.5-1.5	1.7	5.4	10.0	21.0	8.1	100
RF64		0.5-1.5	1.7	6.6	10.0	21.0	9.5	100
BF32		1.5-2.5	2.3	3.3	10.0	21.0	5.7	100
BF37		1.5-2.5	2.3	3.8	10.0	21.0	5.7	100
BF43	Blue - 27A Max	1.5-2.5	2.3	4.4	10.0	21.0	6.4	100
BF53		1.5-2.5	2.3	5.4	10.0	21.0	8.1	100
BF64		1.5-2.5	2.3	6.6	10.0	21.0	9.3	100
YF37		4.0-6.0	3.4	3.8	13.0	25.5	8.3	100
YF43	Yellow - 48A Max	4.0-6.0	3.4	4.4	13.0	25.5	8.3	100
YF53	Tenow - 48A Max	4.0-6.0	3.4	5.4	13.0	25.5	9.0	100
YF64		4.0-6.0	3.4	6.6	13.0	25.5	9.0	100

Pre-Insulated Blade Terminals

A blade connector is a type of single wire connection using a flat conductive blade which is inserted into a blade receptacle. Temperature Range: -10°C to 75°C Material: Tin Plated Copper / Vinyl Insulation

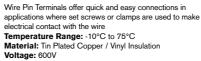
Voltage: 600V Colour: Red. Blue. Yellow





Code	Colour	Range mm ²	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RB2318	Red - 19A Max	0.5-1.5	1.7	18.0	28.0	2.2	100
BB2318	Blue - 27A Max	1.5-2.5	2.3	18.0	28.0	2.2	100
YB2818	Yellow - 48A Max	4.0-6.0	3.4	18.0	31.0	2.8	100

Pre-Insulated Pin Terminals









Code	Colour	Range mm ²	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RP1912	Red - 19A Max	0.5-1.5	1.7	12.0	21.8	1.9	100
BP1912	Blue - 27A Max	1.5-2.5	2.3	12.0	21.8	1.9	100
YP2914	Yellow - 48A Max	4.0-6.0	3.4	13.0	26.0	2.8	100



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MICC Cable

Ident & Terminals | PRE-INSULATED SPADE TERMINALS

PRE-INSULATED CRIMP TERMINALS

Pre-Insulated **Spade Terminals**

Made from high conductivity copper, these terminals are electro-tin plated for excellent conductivity and resistance to corrosion. Pre-Insulation is manufactured from Vinyl with a flared barrel for easy wire insertion.



Blue - 27A Max

Yellow - 48A Max

1.5-2.5

4.0-6.0

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security Code

RTAB28

RTAB48

RTAB63

BTAB48

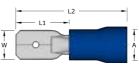
BTAB63

YTAB63

Pre-Insulated Male Spade Terminals

Pre-insulated male spade terminals.

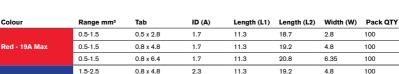
Temperature Range: -10°C to 75°C Material: Tin Plated Copper / Vinyl Insulation Voltage: 300V Colour: Red, Blue, Yellow





0.8 x 6.4

0.8 x 6.4



2.3

3.4

Pre-Insulated Female Spade Terminals

11.3

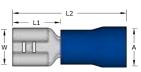
11.0

20.8

24.0

Pre-insulated female spade terminals.

Temperature Range: -10°C to 75°C Material: Tin Plated Copper / Vinyl Insulation Voltage: 300V Colour: Red, Blue, Yellow



6 40

6.35

100

100

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Code	Colour	Range mm ²	Tab	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RFS28-5		0.5-1.5	0.5 x 2.8	1.7	10.5	18.8	3.2	100
RFS28-8		0.5-1.5	0.8 x 2.8	1.7	10.5	18.8	3.2	100
RFS48-5	Red - 19A Max	0.5-1.5	0.5 x 4.8	1.7	10.5	19.0	5.0	100
RFS48-8		0.5-1.5	0.8 x 4.8	1.7	10.5	19.0	5.0	100
RFS63		0.5-1.5	0.8 x 6.4	1.7	10.5	20.8	6.6	100
BFS48-5		1.5-2.5	0.5 x 4.8	2.3	10.5	19.0	5.0	100
BFS48-8		1.5-2.5	0.8 x 4.8	2.3	10.5	19.0	5.0	100
BFS63	Blue - 27A Max	1.5-2.5	0.8 x 6.4	2.3	10.5	20.8	6.6	100
BFS83		1.5-2.5	0.8 x 8.0	2.3	10.5	24.5	8.2	100
YFS63	Yellow - 48A Max	4.0-6.0	0.8 x 6.4	3.4	13.0	23.8	6.6	100
YFS95	Tellow - 48A Max	4.0-6.0	1.2 x 9.4	3.4	13.0	30.0	10.0	100

All dimensions in mm except where stated

PRE-INSULATED SPADE TERMINALS | Ident & Terminals



Code	Colour	Range mm ²	Tab	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RFS28FI-5		0.5-1.5	0.5 x 2.8	1.7	10.5	19.0	3.2	100
RFS28FI-8		0.5-1.5	0.8 x 2.8	1.7	10.5	19.0	3.2	100
RFS48FI-5	Red - 19A Max	0.5-1.5	0.5 x 4.8	1.7	10.5	19.0	5.0	100
RFS48FI-8		0.5-1.5	0.8 x 4.8	1.7	10.5	19.0	5.0	100
RFS63FI		0.5-1.5	0.8 x 6.4	1.7	10.5	21.8	6.6	100
BFS48FI-5		1.5-2.5	0.5 x 4.8	2.3	10.5	19.0	5.0	100
BFS48FI-8	Blue - 27A Max	1.5-2.5	0.8 x 4.8	2.3	10.5	19.0	5.0	100
BFS63FI		1.5-2.5	0.8 x 6.4	2.3	10.5	22.8	6.6	100
YFS63FI	Yellow - 48A Max	4.0-6.0	0.8 x 6.4	3.4	10.9	23.8	6.6	100
YFS95FI	Tenow - 48A Max	4.0-6.0	1.2 x 9.4	3.4	10.9	30.0	10.0	100



Pre-Insulated Piggy Back Spade Terminals

Pre-insulated piggy back spade terminals.

Temperature Range: -10°C to 75°C Material: Tin Plated Copper / Vinyl Insulation Voltage: 300V Colour: Red, Blue, Yellow



PRE-INSULATED CRIMP TERMINALS

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Fixing & Tooling & Cable Ties Security Cable Prep & Acc

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Code	Colour	Range mm ²	Tab	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RPB63	Red - 19A Max	0.5-1.5	0.8 x 6.4	1.7	12.0	21.0	6.7	100
BPB63	Blue - 27A Max	1.5-2.5	0.8 x 6.4	2.3	12.0	21.0	6.7	100
YPB63	Yellow - 48A Max	4.0-6.0	0.8 x 6.4	3.4	11.0	24.5	6.7	100



Fully Insulated Female Flag Spade Fully insulated female flag spade terminals.	e Terminals
Temperature Range: -40°C to 105°C Material: Tin Plated Copper / Nylon Insulation Voltage: 300V Colour: Red, Blue	w



A -



Code	Colour	Range mm ²	ID (A)	Length (L2)	Width (W)	Pack QTY
RFLAG63	Red - 19A Max	0.5-1.5	1.7	16.0	6.6	100
BFLAG63	Blue - 27A Max	1.5-2.5	2.3	16.0	6.6	100

Ident & Terminals | PRE-INSULATED BULLET CONNECTORS

PRE-INSULATED CRIMP TERMINALS

Pre-Insulated Bullet Connectors

Made from high conductivity copper, these terminals are electro-tin plated for excellent conductivity and resistance to corrosion. Pre-Insulation is manufactured from Vinyl with a flared barrel for easy wire insertion.

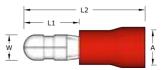


Pre-Insulated Male Bullet Terminals



Bullet terminal connectors provide a secure and reliable connection by mating a female and male wire terminal. **Temperature Range:** -10°C to 75°C **Material:** Tin Plated Copper / Vinyl Insulation **Voltage:** 300V **Colour:** Red, Blue, Yellow



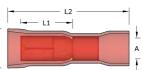


Code	Colour	Range mm ²	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
RBU40	Red - 19A Max	0.5-2.5	1.7	11.0	21.0	4.0	100
BBU40	Dive 074 Mer	1.5-2.5	2.3	11.2	21.0	4.0	100
BBU50	Blue - 27A Max	1.5-2.5	2.3	10.7	21.0	5.0	100
YBU50	Yellow - 48A Max	4.0-6.0	3.4	11.0	25.5	5.0	100

Pre-Insulated Female Bullet Terminals

Bullet terminal connectors provide a secure and reliable connection by mating a female and male wire terminal. **Temperature Range:** -10°C to 75°C **Material:** Tin Plated Copper / Vinyl Insulation **Voltage:** 300V **Colour:** Red, Blue, Yellow





	Code	Colour	Range mm ²	ID (A)	Length (L1)	Length (L2)	Width (W)	Pack QTY
	RBR40	Red - 19A Max	0.5-2.5	1.7	12.8	25.5	3.9	100
	BBR40	Blue - 27A Max	1.5-2.5	2.3	12.8	25.5	3.9	100
	BBR50	Blue - 27A Max	1.5-2.5	2.3	12.8	25.5	4.9	100
-	YBR50	Yellow - 48A Max	4.0-6.0	3.4	12.6	28.0	4.9	100

Pre-Insulated Butt Connectors

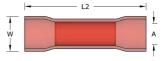
Double ended female wire terminals that create a simple connection by mating two wires together. **Temperature Range:** -10°C to 75°C

Material: Tin Plated Copper / Vinyl Insulation Voltage: 600V



<u>0</u> 0 0





Code	Colour	Range mm ²	ID (A)	Length (L2)	Width (W)	Pack QTY
RBC	Red - 19A Max	0.5-1.5	1.8	24.5	4.3	100
BBC	Blue - 27A Max	1.5-2.5	2.4	24.5	4.8	100
YBC	Yellow - 48A Max	4.0-6.0	3.5	27.0	6.7	100

All dimensions in mm except where stated

Copper Heatshrink Lugs Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

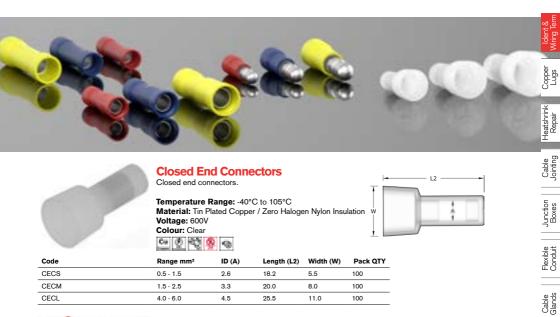
Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

PRE-INSULATED BULLET CONNECTORS I Ident & Terminals

QUICK CONNECTORS





Quick Splice / Connectors

Quick splice connectors.

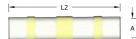
Temperature Range: -40°C to 105°C Material: Tin Plated Copper / Zero Halogen Nylon Insulation Voltage: 600V Colour: Red, Blue, Yellow a 🖲 🔁 🙆 💊

	Contract Contract Contract				
Code	Colour	Range mm ²	Length (L2)	Width (W)	Pack QTY
RCT	Red - 19A Max	0.5 - 1.5	29.0	19.0	100
BCT	Blue - 27A Max	1.5 - 2.5	29.0	19.0	100
YCT	Yellow - 48A Max	4.0 - 6.0	35.5	20.4	100

Heat Shrinkable Solder Sleeve



Heat shrinkable solder sleeve. Temperature Range: -45°C to 125°C Shrinkable Temp: +125°C to 180°C Material: : Polyethylene Insulation / Solder ring / Glue adhesive Colour: Red, Blue, Yellow, White Voltage: 600V Standards: DIN 46288 Part 4





Code	Colour	Range mm ²	Length (L2)	Min (A)	Wire Min	Wire Max	Pack QTY
HSSOLW	White	0.25034	26.0	1.7	0.4	1.7	100
HSSOLR	Red - 19A Max	0.5-1.5	40.0	2.7	1.3	2.7	100
HSSOLB	Blue - 27A Max	1.5-2.5	40.0	4.5	1.8	4.5	100
HSSOLY	Yellow - 48A Max	4.0-6.0	40.0	6.0	2.8	6.0	100



Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

1

Tooling & Cable Ties Cable Prep & Acc

Ident & Terminals | BOX KITS

Cord Ends & Pre-Insulated Terminals

CORD END TERMINALS

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security





Cord End (Bootlace) Terminals - French

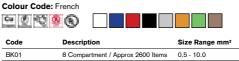
Crimp Cord End Terminals set includes a variety of high-quality French colour-coded insulated bootlace cord ends and ferrules. The box contains sections for wire ferrules ranging from 0.5 mm² to 10 mm², allowing for simple selection.

Material: Tin Plated Copper / Vinyl Insulation

Colour: White, Blue, Red, Black, Grey, Orange, Green, Brown Voltage: 600V

Standards: DIN 46288 Part 4

Box Kits



Cord End (Bootlace) Terminals - German

Crimp Cord End Terminals set includes a variety of high-guality French colour-coded insulated bootlace cord ends and ferrules. The box contains sections for wire ferrules ranging from 0.5 mm² to 10 mm², allowing for simple selection. Material: Tin Plated Copper / Vinyl Insulation Colour: Orange, White, Yellow, Red, Blue, Grey, Black, Ivory Voltage: 600V Standards: DIN 46288 Part 4 Colour Code: German - • • • • • • • • • Code Size Range mm² Description



Dual Cord End (Bootlace) Terminals

Dual Crimp Cord End Terminals set includes a variety of high-quality colour-coded insulated bootlace cord ends and ferrules. These double ended female wire terminals create a simple connection by mating two wires together. The box contains sections for wire ferrules ranging from 0.5 mm² to 10 mm², allowing for simple selection.

Material: Tin Plated Copper / Vinyl Insulation Colour: White, Grey, Red, Black, Blue, Yellow Voltage: 600V

Standards: DIN 46288 Part 4

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Code	Description	Size Range mm ²
BK03	8 Compartment / Approx 770 Items	0.5 - 10.0



See Page 272-273







PRE-INSULATED CRIMP TERMINALS

Pre-Insulated Terminals 1.5mm²

Selection of popular Red 1.5mm² terminals including; ring, male & female spade, fully insulated female spade, male & female bullet and butt connectors.

Material: Tin Plated Copper / Vinyl Insulation Colour: Red



	_	
Code	Description	Size Range mm ²
BK06	12 Compartment / Approx 400 Items	1.5



Selection of popular Blue 2.5mm² terminals including; ring, male & female spade, fully insulated female spade, male & female bullet and butt connectors.

Material: Tin Plated Copper / Vinyl Insulation Colour: Blue



Code	Description	Size Range mm ²
BK07	10 Compartment / Approx 400 Items	2.5

Pre-Insulated Terminals 6.0mm²

Selection of popular Yellow 6.0mm² terminals including; ring, male & female spade, fully insulated female spade, male & female bullet and butt connectors.

Material: Tin Plated Copper / Vinyl Insulation Colour: Yellow

6899	ð					
	_			 _		

Code	Description	Size Range mm ²
BK08	13 Compartment / Approx 400 Items	6.0

Assorted Pre-Insulated Terminals 1.5-6.0mm²

Selection of popular Red, Blue & Yellow 1.5-6.0mm² terminals including; ring, male & female spade, fully insulated female spade, male & female bullet and butt connectors.

Material: Tin Plated Copper / Vinyl Insulation Colour: Red, Blue, Yellow

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Code	Description	Size Range mm ²
BK09	16 Compartment / Approx 365 Items	1.5 - 6.0













21

Ident & Wiring Term

Copper Tube Lugs | SECTION CONTENTS

COPPER TUBE TERMINALS

Copper Lugs

Copper Tube Terminals

Ident & Wiring Term

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Glanc Accs

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security Predominantly used to terminate mains or power cables whether it be in switch gear, motor and transformer terminal blocks or commercial distribution boards we have a copper lug for you. From tube lugs, butt splices, pin lugs through blade terminals and narrow palm, long palm lugs to transformer lugs and even right angled lugs we can offer them all. Manufactured from precision drawn copper tube and adhering to all standards including BS EN 12449:1999, BS EN61238-1-2003 and BS4579 bright electro tin plating. We offer a wide and varied range of lug sizes to meet your every termination need.



Standard: Standard copper tube terminals are manufactured from seamless copper tube to BS EN 12449:1999. The Standard range covers sizes 1.5mm² to 1000mm² with stud sizes 5mm to 20mm. Full range of blank terminals are also available.

Special: Special range includes a variety of terminals including butt splices, pin lugs, blade terminals, narrow palm, long palm and right angle terminals.

Transformer: Transformer terminals have a standard hole size of 8mm with 35mm x 25mm hole positioning in accordance with E.A specifications, ensuring compatibility with most transformer fixing arrangements. Transformer terminals 95mm² to 400mm² are supplied brazed palm type, 500mm² are dimensionally the same as our standard lugs with the exception of the palm fixing holes.

SECTION CONTENTS | Copper Tube Lugs



Copper Tube Lugs	р. 24 27	S	ng Cable Cleats
Blank/Narrow Palm Lugs	p. 28 29	S	Lightning
Long Palm/Right Angle Lugs	P. 30 31	S	se MICC Cable
Pin Lugs/Blade Lugs	P. 32 33	<u></u>	 Cable Ties & Acc
Butt Splices/Sheet Terminals	P. 34 35		Tooling & Cable Prep
Transformer/Mechanical Term.	P. 36 37	af a construction of the c	Fixing & Security

Copper Tube Lugs Standard Copper Tube Terminals

COPPER TUBE TERMINALS

Copper Lugs

Copper Tube Lugs 1.5mm2 to 95mm2 600/1000V

Crimped termination of cables has long since replaced soldered ends, providing a clean, easy and reliable electrical and mechanical connection. Care must be taken when selecting the correct crimping tool and dies to ensure the correct compression of the copper lug.

Remora Copper Tube Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449:1999. All standard types in the range between 1.5mm² and 400mm² have bell mouth entries to ensure ease of entry, even with flexible conductors. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C.

Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2

Ident & Wiring Term

Lugs

Heatshrink Repair

Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

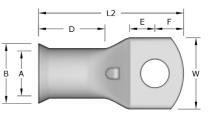
Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep



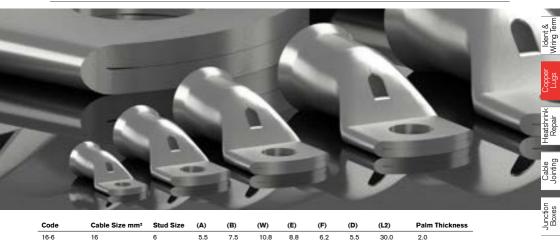


Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(F)	(D)	(L2)	Palm Thickness
1.5-3	1.5	3	1.9	3.6	5.5	5.0	3.0	7.5	17.0	1.4
1.5-4	1.5	4	1.9	3.6	6.7	6.0	4.0	7.5	19.5	1.1
1.5-5	1.5	5	1.9	3.6	7.7	6.5	4.5	7.5	20.4	0.9
2.5-3	2.5	3	2.4	3.9	5.5	54.0	3.0	7.8	18.0	1.6
2.5-4	2.5	4	2.4	3.9	6.7	6.0	4.0	7.8	20.0	1.4
2.5-5	2.5	5	2.4	3.9	7.7	6.9	4.5	7.8	21.2	1.1
2.5-6	2.5	6	2.4	3.9	9.0	7.5	5.5	7.8	23.0	1.0
4-4	4	4	2.8	4.7	7.0	6.0	4.0	8.0	20.5	1.7
4-5	4	5	2.8	4.7	8.0	6.4	4.6	8.0	21.5	1.4
4-6	4	6	2.8	4.7	9.0	7.5	5.5	8.0	23.5	1.3
6-4	6	4	4.1	5.3	7.0	6.0	4.0	10.0	22.5	2.0
6-5	6	5	4.1	5.3	8.0	6.4	4.6	10.0	23.5	1.9
6-6	6	6	4.1	5.3	9.0	7.5	5.5	10.0	25.5	1.7
6-8	6	8	4.1	5.3	11.5	10.0	7.0	10.0	29.5	1.6
6-10	6	10	4.1	5.3	14.5	11.8	7.2	10.0	31.0	0.9
10-5	10	5	4.7	6.6	11.0	5.6	5.2	4.7	26.0	1.7
10-6	10	6	4.7	6.6	11.0	5.6	5.2	4.7	26.0	1.7
10-8	10	8	4.7	6.6	13.0	8.0	7.0	4.7	29.5	1.2
10-10	10	10	4.7	6.9	16.0	10.9	9.6	4.7	39.0	1.5
10-12	10	12	4.7	6.9	18.0	10.5	10.0	4.7	39.0	1.2



STANDARD COPPER TUBE TERMINALS Copper Tube Lugs

COPPER TUBE TERMINALS



Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(F)	(D)	(L2)	Palm Thickness
16-6	16	6	5.5	7.5	10.8	8.8	6.2	5.5	30.0	2.0
16-8	16	8	5.5	7.5	13.5	8.0	7.0	5.5	30.0	1.6
16-10	16	10	5.5	7.5	15.0	10.9	9.6	5.5	35.5	1.5
16-12	16	12	5.5	8.0	18.0	10.5	10.0	5.5	42.0	1.3
25-6	25	6	7.0	9.4	13.8	8.8	6.2	7.0	32.5	2.4
25-8	25	8	7.0	9.4	13.8	8.0	7.0	7.0	32.5	2.4
25-10	25	10	7.0	9.4	16.0	10.9	9.6	7.0	38.0	2.1
25-12	25	12	7.0	9.4	18.0	10.5	10.0	7.0	38.0	1.9
35-6	35	6	8.2	10.6	15.3	8.8	6.2	8.2	35.0	2.4
35-8	35	8	8.2	10.6	15.3	8.0	7.0	8.2	35.0	2.4
35-10	35	10	8.2	10.6	15.3	10.9	9.6	8.2	40.5	2.4
35-12	35	12	8.2	10.6	18.0	10.5	10.0	8.2	40.5	2.2
50-6	50	6	9.5	11.9	17.5	8.8	6.2	9.5	37.0	2.5
50-8	50	8	9.5	11.9	17.5	8.0	7.0	9.5	37.0	2.5
50-10	50	10	9.5	11.9	17.5	10.9	9.6	9.5	42.5	2.5
50-12	50	12	9.5	11.9	17.5	10.5	10.0	9.5	42.5	2.5
70-6	70	6	11.5	14.5	20.9	10.5	10.0	11.5	40.5	3.0
70-8	70	8	11.5	14.5	20.9	10.5	10.0	11.5	46.0	3.0
70-10	70	10	11.5	14.5	20.9	10.5	10.0	11.5	46.0	3.0
70-12	70	12	11.5	14.5	20.9	10.5	10.0	11.5	50.0	3.0
70-14	70	14	11.5	14.5	20.9	13.0	13.0	11.5	50.0	3.0
70-16	70	16	11.5	14.5	20.9	13.0	13.0	11.5	50.0	3.0
95-6	95	6	13.5	16.7	24.3	13.0	13.0	19.0	49.5	3.2
95-8	95	8	13.5	16.7	24.3	13.0	13.0	19.0	49.5	3.2
95-10	95	10	13.5	16.7	24.3	13.0	13.0	19.0	49.5	3.2
95-12	95	12	13.5	16.7	24.3	13.0	13.0	19.0	49.5	3.2
95-14	95	14	13.5	16.7	24.3	13.0	13.0	19.0	56.0	3.2
95-16	95	16	13.5	16.7	24.3	13.0	13.0	19.0	56.0	3.2

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Call the Remora sales team at 01226 352 000

Copper Tube Lugs Standard Copper Tube Terminals

COPPER TUBE TERMINALS



Copper Tube Lugs 120mm2 to 1000mm2 600/1000V

Crimped termination of cables has long since replaced soldered ends, providing a clean, easy and reliable electrical and mechanical connection. Care must be taken when selecting the correct crimping tool and dies to ensure the correct compression of the copper lug.

Remora Copper Tube Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449:1999. All standard types in the range between 1.5mm² and 400mm² have bell mouth entries to ensure ease of entry, even with flexible conductors. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C.

Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2

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Ident & Wiring Term

Lugs

Heatshrink Repair

Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

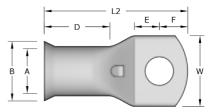
Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security





Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(F)	(D)	(L2)	Palm Thickness
120-8	120	8	15.0	19.0	27.3	14.0	10.0	20.0	55.0	4.0
120-10	120	10	15.0	19.0	27.3	14.4	10.0	20.0	55.0	4.0
120-12	120	12	15.0	19.0	27.3	14.0	10.0	20.0	55.0	4.0
120-14	120	14	15.0	19.0	27.3	14.0	10.0	20.0	55.0	4.0
120-16	120	16	15.0	19.0	27.3	14.0	13.0	20.0	60.0	4.0
150-10	150	10	16.5	21.0	30.0	14.0	10.0	23.0	61.0	4.5
150-12	150	12	16.5	21.0	30.0	14.0	10.0	23.0	61.0	4.5
150-14	150	14	16.5	21.0	30.0	14.0	10.0	23.0	61.0	4.5
150-16	150	16	16.5	21.0	30.0	14.0	10.0	23.0	61.0	4.5
185-10	185	10	18.5	23.0	33.3	14.0	10.0	29.0	66.5	4.5
185-12	185	12	18.5	23.0	33.3	14.0	10.0	29.0	68.0	4.5
185-14	185	14	18.5	23.0	33.3	14.0	10.0	29.0	68.0	4.5
185-16	185	16	18.5	23.0	33.3	14.5	10.0	29.0	70.0	4.5
240-10	240	10	21.0	26.0	37.7	14.5	14.5	32.0	88.0	5.0
240-12	240	12	21.0	26.0	37.7	14.5	14.5	32.0	88.0	5.0
240-14	240	14	21.0	26.0	37.7	14.5	14.5	32.0	88.0	5.0
240-16	240	16	21.0	26.0	37.7	18.0	14.5	32.0	88.0	5.0
240-20	240	20	21.0	26.0	37.7	18.0	17.0	32.0	88.0	5.0

Tooling

STANDARD COPPER TUBE TERMINALS COPPER TUBE LUGS

COPPER TUBE TERMINALS



Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(F)	(D)	(L2)	Palm Thickness
300-10	300	10	23.0	28.0	41.0	16.5	16.5	37.0	97.0	5.0
300-12	300	12	23.0	28.0	41.0	16.5	16.5	37.0	97.0	5.0
300-14	300	14	23.0	28.0	41.0	16.5	16.5	37.0	97.0	5.0
300-16	300	16	23.0	28.0	41.0	16.5	16.5	37.0	97.0	5.0
300-20	300	20	23.0	28.0	41.0	18.0	17.0	37.0	97.0	5.0
400-10	400	10	27.0	32.0	47.3	18.5	16.5	38.0	108.0	5.0
400-12	400	12	27.0	32.0	47.3	18.5	16.5	38.0	108.0	5.0
400-14	400	14	27.0	32.0	47.3	18.5	16.5	38.0	108.0	5.0
400-16	400	16	27.0	32.0	47.3	18.5	16.5	38.0	108.0	5.0
400-20	400	20	27.0	32.0	47.3	22.0	22.0	38.0	108.0	5.0
500-10	500	10	30.0	36.0	53.0	20.0	20.0	38.0	117.0	6.9
500-12	500	12	30.0	36.0	53.0	20.0	20.0	38.0	117.0	6.9
500-14	500	14	30.0	36.0	53.0	20.0	20.0	38.0	117.0	6.9
500-16	500	16	30.0	36.0	53.0	20.0	20.0	38.0	117.0	6.9
500-20	500	20	30.0	36.0	53.0	28.0	24.0	38.0	117.0	6.9
630-10	630	10	33.8	44.0	63.0	25.0	23.0	46.0	127.0	10.2
630-12	630	12	33.8	44.0	63.0	25.0	23.0	46.0	127.0	10.2
630-14	630	14	33.8	44.0	63.0	25.0	23.0	46.0	127.0	10.2
630-16	630	16	33.8	44.0	63.0	25.0	23.0	46.0	127.0	10.2
630-20	630	20	33.8	44.0	63.0	25.0	23.0	46.0	127.0	10.2
800-10	800	10	38.0	49.0	70.0	34.0	34.0	56.0	164.0	11.0
800-12	800	12	38.0	49.0	70.0	34.0	34.0	56.0	164.0	11.0
800-14	800	14	38.0	49.0	70.0	34.0	34.0	56.0	164.0	11.0
800-16	800	16	38.0	49.0	70.0	34.0	34.0	56.0	164.0	11.0
800-20	800	20	38.0	49.0	70.0	34.0	34.0	56.0	164.0	11.0
1000-10	1000	10	42.5	53.0	77.0	34.0	34.0	56.0	169.0	10.5
1000-12	1000	12	42.5	53.0	77.0	34.0	34.0	56.0	169.0	10.5
1000-14	1000	14	42.5	53.0	77.0	34.0	34.0	56.0	169.0	10.5
1000-16	1000	16	42.5	53.0	77.0	34.0	34.0	56.0	169.0	10.5
1000-20	1000	20	42.5	53.0	77.0	34.0	34.0	56.0	169.0	10.5

Cable Glands

Gland Accs.

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MICC Cable

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Copper Tube Lugs | BLANK / NARROW PALM TERMINALS

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Flexible Conduit

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Fixing & Security

Blank Lugs

Copper Blank Tube Lugs 600/1000V

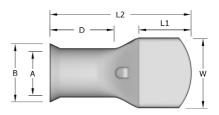
BLANK COPPER TUBE TERMINALS

Blank Palm Lugs allow the freedom for the user to customise the lug to any special requirements, relating to stud size, diameter and position. Remora Blank Palm Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449:1999. All standard types in the range between 1.5mm² and 400mm² have bell mouth entries to ensure ease of entry, even with flexible conductors. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C. Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2

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Code	Cable Size mm ²	(A)	(B)	(W)	(L1)	(D)	(L2)	Palm Thickness
10-B	10	4.4	6.9	18.0	22.0	4.7	39.0	1.2
16-B	16	5.6	8.0	18.0	22.0	5.5	42.0	1.3
25-B	25	7.0	9.4	18.0	20.5	7.0	38.0	1.9
35-B	35	8.2	10.6	18.0	20.5	8.2	40.5	2.2
50-B	50	9.5	11.9	17.4	20.5	9.5	42.5	2.5
70-B	70	11.5	14.5	20.9	26.0	11.5	50.0	3.0
95-B	95	13.5	16.7	24.3	26.0	19.0	56.0	3.2
120-B	120	15.0	19.0	27.3	26.0	20.0	60.0	4.0
150-B	150	16.5	21.0	30.2	26.0	23.0	61.0	4.5
185-B	185	18.5	23.0	33.3	26.0	29.0	70.0	4.5
240-B	240	21.0	26.0	37.7	35.0	32.0	88.0	5.0
300-B	300	23.0	28.0	41.0	35.0	37.0	97.0	5.0
400-B	400	27.0	32.0	47.3	44.0	38.0	108.0	5.0
500-B	500	30.0	36.0	53.0	52.0	38.0	117.0	6.9
630-B	630	33.8	44.0	63.0	48.0	46.0	127.0	10.2
800-B	800	38.0	49.0	70.0	68.0	56.0	164.0	11.0
1000-B	1000	42.5	53.0	77.0	68.0	56.0	169.0	10.5



BLANK / NARROW PALM TERMINALS Copper Tube Lugs

NARROW PALM COPPER TUBE TERMINALS

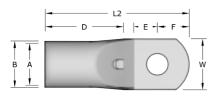


Narrow Palm

Copper Narrow Palm Lugs 600/1000V

The Narrow Palm lug is generally used when terminating cables into low voltage moulded case circuit breakers where limited width terminal blocks causes problems for standard lug terminals. The compressed palm of the narrow palm lug provides an effective and efficient termination.

Remora Narrow Palm Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449 1999. All standard types in the range between 35mm² and 300mm² have straight entries. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C. Nickel plated lugs are available for high temperature applications up to 343°C.



Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2

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Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(F)	(D)	(L2)	Palm Thickness
35-6NP	35	6	8.0	8.4	11.6	7.5	7.0	16.0	37.2	2.9
50-6NP	50	6	9.5	10.4	11.5	8.0	7.0	18.0	41.5	3.9
50-8NP	50	8	9.5	10.4	11.5	8.0	8.0	18.0	39.0	3.9
70-8NP	70	8	11.0	11.3	13.5	8.0	9.5	20.0	49.0	3.0
70-10NP	70	10	11.0	16.0	13.5	8.0	9.5	21.0	51.0	3.5
95-8NP	95	8	13.5	21.0	16.0	12.0	11.7	23.0	56.0	4.0
95-10NP	95	10	13.5	14.1	17.0	12.0	10.5	21.0	57.1	4.0
120-8NP	120	8	15.0	15.5	19.0	11.8	11.7	23.0	62.8	4.5
120-10NP	120	10	15.0	16.4	19.0	11.8	12.0	23.0	65.0	4.5
150-8NP	150	8	16.5	18.4	18.5	13.5	12.6	25.0	70.0	6.6
150-10NP	150	10	16.5	18.4	18.5	13.5	12.6	25.0	70.0	6.6
185-8NP	185	8	18.5	20.8	24.5	13.0	13.0	30.0	74.0	5.5
185-10NP	185	10	18.5	20.8	24.5	13.0	13.0	30.0	74.0	5.5
185-12NP	185	12	18.5	20.8	24.5	13.0	13.0	30.0	74.0	5.5
240-10NP	240	10	21.0	23.0	31.0	17.0	16.7	33.0	83.0	6.0
240-12NP	240	12	21.0	23.0	31.0	17.0	15.2	30.0	86.0	6.0
300-12NP	300	12	23.0	24.0	34.6	17.5	17.5	36.0	96.7	7.0

Copper Tube Lugs LONG PALM / RIGHTANGLETERMINALS

LONG PALM TERMINALS

Long Palm

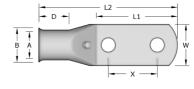
Copper Long Palm Lugs 600/1000V

Long Palm Lugs are used for terminating onto busbar systems or extended take off palms on contactors, MCBs, ACBs or where more than one stud fixing is required.

Remora Long Palm Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449:1999. All standard types in the range between 10mm² and 240mm² have bell mouth entries to ensure ease of entry, even with flexible conductors. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C.

Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2



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Ident & Wiring Term

Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

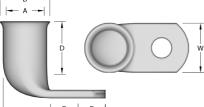
	Blank										Palm
Code	Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(X)	(D)	(L1)	(L2)	Thickness
10-6LP	10-LP	10	6	4.4	6.9	11.0	16.0	10.0	34.0	50.0	2.0
16-6LP	16-LP	16	6	5.6	8.0	11.4	16.0	11.0	34.0	52.0	2.2
25-6LP	25-LP	25	6	7.0	9.5	13.5	16.0	13.0	34.0	57.0	2.4
35-6LP	35-LP	35	6	8.2	11.0	15.5	16.0	18.0	34.0	56.0	2.8
50-6LP	50-LP	50	6	9.5	12.0	17.2	16.0	18.0	34.0	61.0	2.4
70-12LP	70-LP	70	13.0	11.5	15.0	21.2	45.0	18.0	75.0	105.0	2.0
95-12LP	95-LP	95	13.0	13.5	17.0	24.3	45.0	24.0	75.0	111.0	3.5
120-12LP	120-LP	120	13.0	15.0	19.0	27.2	45.0	27.0	75.0	115.0	4.0
150-12LP	150-LP	150	13.0	16.5	21.0	30.0	45.0	27.0	75.0	120.0	4.5
185-12LP	185-LP	185	13.0	18.5	23.0	33.5	45.0	30.0	75.0	125.0	4.5
240-12LP	240-LP	240	13.0	21.0	26.0	37.7	45.0	32.0	75.0	128.0	5.0
300-12LP	300-LP	300	13.0	23.0	28.0	41.0	45.0	37.0	75.0	137.0	5.0
400-12LP	400-LP	400	13.0	27.0	32.0	47.3	45.0	38.0	75.0	138.0	5.0
500-12LP	500-LP	500	13.0	30.0	38.0	55.0	45.0	50.0	75.0	160.0	8.2
630-12LP	630-LP	630	13.0	33.8	44.0	63.0	45.0	50.0	75.0	164.0	10.2
800-12LP	800-LP	800	13.0	38.0	49.0	70.0	45.0	56.0	75.0	171.0	11.0

Tooling See Page 274-280

LONGPALM/RIGHTANGLETERMINALS

RIGHT ANGLE TERMINALS





Right Angle

Copper Right Angle Lugs 600/1000V

Right Angle Lugs as used when more than one cable is to be terminated into the contact block or take off palm and the cables are coming from different directions, rather than trying to form or bend a traditional lug. Professionally formed at source, meeting all the relevant standards, takes all the hassles away. Remora Right Angle Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449:1999. All standard types in the range between 10mm² and 150mm² have bell mouth entries to ensure ease of entry, even with flexible conductors. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C.

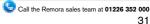
Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2

-	+- E -+ +- F - - - L2►	0 0 0 0 F									
Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(F)	(D)	(L2)	Palm Thickness	
10-6RA	10	6	4.4	6.9	11.0	9.0	9.0	9.0	17.9	2.0	
10-8RA	10	8	4.4	6.9	11.0	9.0	9.0	11.0	24.9	1.6	
10-10RA	10	10	4.4	6.9	16.0	10.5	10.5	10.0	28.9	1.5	
16-6RA	16	6	5.6	8.0	11.0	8.5	8.5	11.0	19.0	2.2	
16-8RA	16	8	5.6	8.0	11.0	8.5	8.5	11.0	26.0	1.7	
16-10RA	16	10	5.6	8.0	15.0	11.0	11.0	11.0	30.0	1.5	
25-6RA	25	6	7.0	9.5	13.5	8.5	8.5	13.0	27.5	2.4	
25-8RA	25	8	7.0	9.5	13.5	8.5	8.5	13.0	27.5	2.4	
25-10RA	25	10	7.0	9.5	17.0	11.0	11.0	13.0	31.5	2.0	
35-6RA	35	6	8.0	11.0	16.0	8.5	8.5	14.0	29.0	2.8	
35-8RA	35	8	8.0	11.0	16.0	8.5	8.5	14.0	29.0	2.8	
35-10RA	35	10	8.0	11.0	16.0	11.0	11.0	14.0	33.0	2.8	
50-8RA	50	8	9.5	12.1	17.5	9.0	9.0	18.0	30.2	2.4	
50-10RA	50	10	9.5	12.1	17.5	9.0	9.0	18.0	34.1	2.4	
50-12RA	50	12	9.5	12.1	17.5	11.0	11.0	18.0	34.1	2.4	
70-8RA	70	8	11.5	15.0	21.5	8.5	8.5	18.0	33.0	3.5	
70-10RA	70	10	11.5	15.0	21.5	10.5	10.5	18.0	37.0	3.5	
70-12RA	70	12	11.5	15.0	21.5	10.5	10.5	18.0	37.0	3.5	
95-8RA	95	8	13.5	17.0	24.3	13.0	10.0	24.0	39.0	3.5	
95-10RA	95	10	13.5	17.0	24.3	13.0	10.0	24.0	39.0	3.5	
95-12RA	95	12	13.5	17.0	24.3	13.0	10.0	24.0	39.0	3.5	
95-14RA	95	14	13.5	17.0	21.2	13.0	10.0	24.0	39.0	3.5	
120-10RA	120	10	15.0	19.0	27.3	18.0	18.0	27.0	52.0	4.0	
120-12RA	120	12	15.0	19.0	27.3	18.0	18.0	27.0	52.0	4.0	
120-14RA	120	14	15.0	19.0	27.3	18.0	18.0	27.0	52.0	4.0	
150-10RA	150	10	16.5	21.0	30.3	18.0	18.0	27.0	54.0	4.5	
150-12RA	150	12	16.5	21.0	30.3	18.0	18.0	27.0	54.0	4.5	

Ident & Wiring Term

MICC Cable



Copper Tube Lugs | PIN / BLADE TERMINALS

ROUND PIN TERMINALS



Copper Pin Lugs 600/1000V

Round Pin Copper Tube Lugs are designed for terminating cables into terminal blocks. The reduced pin makes these terminals ideal for terminating conductors into contact block applications.

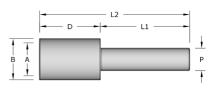
All Copper Pin Lugs are designed and manufactured to meet the performance requirements of BS EN61238-1-2003 and BS 4579.

Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C

Material: Copper BS EN 61238-1-2003 and BS 4579 Part 1 Plating: Tin BS 1872 Part 2





Code	Cable Size mm ²	(A)	(B)	(D)	(L1)	(L2)	Pin Dia (P)
10-P	10	4.4	6.25	13.0	10.0	23.0	3.8
16-P	16	5.60	7.0	16.5	13.0	30.0	3.8
25-P	25	7.0	9.0	19.0	19.0	38.0	5.0
35-P	35	8.2	10.7	21.0	19.0	40.0	5.0
50-P	50	9.5	12.3	21.5	19.0	41.0	7.5
70-P	70	11.5	15.8	27.0	19.0	45.0	8.0
95-P	95	13.5	17.0	27.0	19.0	45.0	8.0
120-P	120	19.0	19.0	30.0	24.0	54.0	10.0
150-P	150	16.5	22.0	32.0	24.0	56.0	10.0
185-P	185	18.5	25.0	35.0	25.0	60.0	12.0
240-P	240	21.0	25.0	37.0	25.0	62.0	14.0
300-P	300	23.0	28.0	50.0	32.0	82.0	16.0
400-P	400	27.0	32.0	53.0	56.0	85.0	16.0



Cable

Cable Ties Tooling & & Acc Cable Prep

PIN / BLADE TERMINALS | Copper Tube Lugs

BLADE TERMINALS



Blade

Copper Blade Terminal Lugs 600/1000V

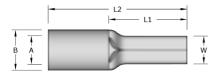
Blade lugs are designed for terminating conductors into terminal blocks. Manufactured from copper strip, rolled, brazed and tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C. Designed and manufactured to meet the performance requirements of BS EN61238-1-2003 and BS 4579.

Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C

Material: Copper BS EN 61238-1-2003 and BS 4579 Part 1 Plating: Tin BS 1872 Part 2





Code	Cable Size mm ²	(A)	(B)	(W)	(D)	(L2)	(L1)	Palm Thickness
10-BLADE	10	4.8	6.8	4.4	8.0	24.1	12.2	2.0
16-BLADE	16	6.0	8.0	5.6	10.0	34.3	15.3	2.5
25-BLADE	25	7.0	9.0	7.0	14.0	38.0	16.3	2.5
35-BLADE	35	8.2	10.2	7.7	16.0	43.4	20.5	3.0
50-BLADE	50	9.5	12.0	9.5	20.0	50.5	20.5	3.5
70-BLADE	70	11.2	14.2	10.8	24.0	55.0	24.0	4.0

Ident & Wiring Term



Copper Tube Lugs | BUTT SPLICE/SHEET TERMINAL

COPPER TUBE BUTT SPLICE

Butt Splices

Copper Butt Splices (Through Crimp) 600/1000V

Copper Butt Splices are designed for jointing low voltage conductors.

These tube splices feature bell mouth entry at both ends to ease the insertion of the conductor and central stop to ensure correct positioning.

All Copper Tube Lugs are designed and manufactured to meet the performance requirements of BS EN61238-1-2003 and BS 4579.

Nickel plated lugs are available for high temperature applications up to 343°C.

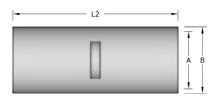
Temperature Range: up to 200°C

Material: Copper BS EN 61238-1-2003 and BS 4579 Part 1 Plating: Tin BS 1872 Part 2

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Code	Cable Size mm ²	(A)	(B)	(L2)
10-T	10	4.7	7.0	25.0
16-T	16	5.6	8.0	30.0
25-T	25	7.0	9.0	35.0
35-T	35	8.2	10.2	40.0
50-T	50	9.5	12.0	44.0
70-T	70	11.5	14.2	44.0
95-T	95	13.5	16.4	46.0
120-T	120	15.0	19.0	50.0
150-T	150	16.5	21.0	54.0
185-T	185	18.5	22.5	56.0
240-T	240	21.0	25.0	58.0
300-T	300	23.0	28.0	96.0
400-T	400	27.0	32.0	110.0
500-T	500	30.0	38.1	118.0
630-T	630	33.8	44.0	127.0
800-T	800	38.0	49.0	150.0
1000-T	1000	42.5	53.0	150.0







Ident & Wiring Term

BUTT SPLICE/SHEET TERMINAL Copper Tube Lugs

SHEET TERMINALS

Ident & Wiring Term

Cable Heatshrink Jointing Repair

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning



Sheet Terminal

Sheet Terminal Lugs 600V

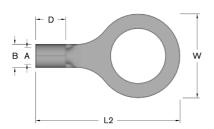
Copper Sheet Terminals are manufactured from copper sheet rather than copper tube, allowing for greater hole sizes for lower cable diameters. Available in a variety of sizes ranging from 6mm2 to 25mm2 with varying hole diameters.

Temperature Range: up to 75°C

Material: Oxygen-Free, High Conductivity Copper Sheet with Silver Alloy Brazing

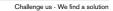
Plating: Tin BS 1872 Part 2





Code	Cable Size mm ²	Stud Size	(A)	(B)	(D)	(W)	(L2)	Palm Thickness
6-16ST	6	16	4.0	6.5	9.0	25.0	43.0	1.25
6-20ST	6	20	4.0	6.5	9.0	30.0	48.0	1.25
6-25ST	6	25	4.0	6.5	9.0	37.0	55.0	1.25
10-16ST	10	16	4.5	7.0	9.0	25.0	43.0	1.25
10-20ST	10	20	4.5	7.0	9.0	30.0	48.0	1.25
10-25ST	10	25	4.5	7.0	9.0	37.0	55.0	1.25
16-16ST	16	16	5.5	8.0	12.0	25.0	43.0	1.25
16-20ST	16	20	5.5	8.0	12.0	30.0	48.0	1.25
16-25ST	16	25	5.5	8.0	12.0	37.0	55.0	1.25
25-16ST	25	16	7.0	9.5	12.0	25.0	43.0	1.25
25-20ST	25	20	7.0	9.5	12.0	30.0	48.0	1.25
25-25ST	25	25	7.0	9.5	12.0	37.0	55.0	1.25





Copper Tube Lugs | TRANSFORMER / MECHANICAL

TRANSFORMER 4 HOLE FIXING TERMINAL

Transformer

Copper Transformer Lugs 600/1000V

Many transformer manufacturers produce equipment in accordance to E.A specification which means a 4 hole stud fixing arrangement for the connection of cables via copper lugs. Each stud hole will be 8mm in diameter. Sizes 95mm² to 300mm² are brazed palm type, 400mm² to 1000mm² are dimensionally the same as our standard lug with the exception of the palm fixing holes.

Remora Transformer Lugs are manufactured from precision drawn seamless copper tube to BS EN 12449:1999. All standard types in the range between 95mm² and 400mm² have bell mouth entries to ensure ease of entry, even with flexible conductors. All Copper Tube Lugs are tin plated to BS 1872 Part 2 for corrosion resistance and suitable for use up to 200°C.

Nickel plated lugs are available for high temperature applications up to 343°C.

Temperature Range: up to 200°C Material: BS EN 12449:1999 Plating: Tin BS 1872 Part 2

Ident & Wiring Term

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

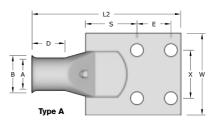
Cable

Cable Ties & Acc

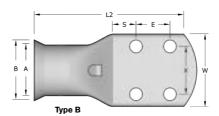
Tooling & Cable Prep

Cu 🕖	\$	FC	ε
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	Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(X)	(D)	(L2)	Palm Thickness	(S)
	95TRANS	95	8	13.5	19.0	60.0	25.0	35.0	24.0	114.0	6.0	32.0
_	120TRANS	120	8	15.0	22.0	60.0	25.0	35.0	28.0	116.0	6.0	33.0
ē	150TRANS	150	8	16.5	24.0	60.0	25.0	35.0	26.0	105.0	6.0	34.0
ž	185TRANS	185	8	18.5	26.0	60.0	25.0	35.0	27.0	110.0	6.0	33.0
	240TRANS	240	8	21.0	30.0	60.0	25.0	35.0	29.0	114.0	6.0	33.0
	300TRANS	300	8	23.0	41.0	60.0	25.0	35.0	42.0	118.0	6.0	15.0



	Code	Cable Size mm ²	Stud Size	(A)	(B)	(W)	(E)	(X)	(D)	(L2)	Palm Thickness	(S)
e	400TRANS	400	8	27.0	37.0	60.0	25.0	35.0	41.0	135.0	6.0	34.0
Ž	500TRANS	500	8	30.0	31.0	60.0	25.0	35.0	36.0	122.0	6.0	32.0
•	630TRANS	630	8	33.8	47.0	63.0	25.0	35.0	50.0	125.0	10.0	12.0

TRANSFORMER / MECHANICAL | Copper Tube Lugs



Mechanical

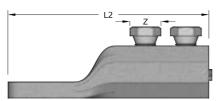
Aluminium Mechanical Lugs 600/1000V

Mechanical Lugs are manufactured from HE 30 TF Aluminium alloy, they are designed to terminate Copper or Aluminium core power cables without the use of crimping tools. Mechanical lugs are range taking and four sizes cover 50 to 500mm² csa. Short circuit tested in accordance with BS 4579 Part 3. Suitable for sector shaped solid or stranded conductors.

MECHANICAL SHEAR BOLT TERMINAL

Temperature Range: up to 100°C Material: HE 30 TF Aluminium Alloy







Code	Cable Size mm ²	Stud Size	(C)	(Z) A/F	(L2)	(W)	
ML1-12	50-95	12	25.0	17.0	95.0	25.0	
ML1-16	50-95	16	25.0	17.0	95.0	25.0	
ML2-12	120-185	12	32.5	17.0	125.0	34.0	
ML2-16	120-185	16	32.5	17.0	125.0	34.0	
ML3-12	240-300	12	41.0	17.0	145.0	40.0	
ML3-16	240-300	16	41.0	17.0	145.0	40.0	

Heatshrink & Repair | SECTION CONTENTS

HEATSHRINK SI FEVING

Ident & Wiring Term

Copper Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Heatshrink

Polyolefin General Purpose Heatshrink

Remora Heatshrink is a cost effective commercial grade tube used for most applications. Flexible, single thin wall, 2:1 ratio, low shrinkage temperature. Manufactured from high guality irradiation cross-linked Polyolefin heat shrink tubing and sleeving and the range is UL approved and RoHS compliant.

With excellent electrical and mechanical properties, it is flexible and has a low shrinkage temperature. Applications include general electrical insulation, mechanical protection, cable and harness bundling, sleeving and colour identification. It is widely used in electrical, electronic, automotive, mechanical and general commercial industries. Remora heat shrink tubing and sleeving is available in sizes from 1.5mm to 100mm internal diameter and is available in nine different colours. Supplied in lengths of 1m up to complete reel lengths of 25m plus. Remora Heatshrink tube is also available in Heatshrink Packs and in Mini Kits.



Polyolefin 2:1 / 3:1



Standard 2:1: Remora 2:1 Standard Heatshrink is a high specification flexible polyolefin sleeving offering excellent electrical, chemical and physical properties. Ideal for insulation, wire bundling and mechanical protection. Manufactured from high guality irradiation cross-linked Polyolefin heatshrink tubing.

Adhesive Lined 3:1: Remora Adhesive Lined Dual Wall Heatshrink is a semi-rigid, heat shrinkable polyolefin tubing that is co-extruded and selectively cross-linked to provide an integral, melt-able inner wall. Uses include strain relief for wire terminations, connections and harness breakouts.

End Caps: Remora Heatshrink end caps are manufactured from cross-linked polyolefin material and are coated with a hot melt adhesive on the inner surface. This provides a water tight seal against the damage of moisture, dirt or corrosion. The rugged wall of these end caps also offers excellent resistance against abrasion. Suitable for use on polymeric and paper insulated lead jacketed cables.

SECTION CONTENTS | Heatshrink & Repair



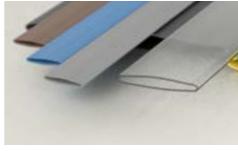
Heatshrink Sleeving	P. 40 43	*	g Cle
End Caps & Adhesive Lined	р. 44 45	1	Earthing
Tapes & Underground Marking	P. 46 49		s MICC Cable
PVC Sleeving	р. 50 51		D Cable Ties
Push Back & Spiral Sleeving	Р. 52	R	Tooling & Cable Prep
Grommet Strip & Grommets	р. 53 55	3 8	Fixing & Security
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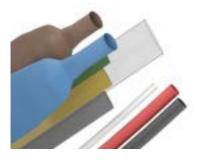
Heatshrink & Repair | HEATSHRINK SLEEVING

HEATSHRINK SLEEVING

Heatshrink Polyolefin Heatshrink

Remora Heatshrink is a cost effective commercial grade tube used for most applications. Flexible, single thin wall, 2:1 ratio, low shrinkage temperature. Manufactured from high quality irradiation cross-linked Polyolefin heatshrink tubing and sleeving the range is UL approved and RoHS compliant.





Polyolefin Heatshrink

With excellent electrical and mechanical properties, it is flexible and has a low shrinkage temperature. Applications include general electrical insulation, mechanical protection, cable and harness bundling, sleeving and colour identification. It is widely used in electrical, electronic, automotive, mechanical and general commercial industries. Remora's heat shrink tubing and sleeving is available in sizes from 1.6mm to 100mm internal diameter and is available in nine different colours. Supplied in lengths from 1m up to complete reel lengths of 25m plus. Remora Heatshrink tube is also available handy sleeving kits or in Mini Kits.

Shrink Temperature: 80°C

◎ F ₽ ፼ ≤ C € ⑧

Temperature Range: -40°C to 135°C Material: Zero Halogen Polyolefin Colour: Black, Blue, Brown, Clear, Grey, Green, Green/Yellow, Red, Yellow

Internal Diarr	neter	Shrunk	Supplied	Fits	Bulk
Max Before Shrink	Min After Shrink	Wall Thickness	Form	Cable Lug Size mm ²	Reel Length (m)
3.2	1.6	0.45	Round		150
4.8	2.4	0.56	Round	1.5-2.5	100
6.4	3.2	0.56	Round	4.0-6.0	100
9.5	4.8	0.56	Flat 15	10	100
12.7	6.4	0.56	Flat 20	16-35	100
19.1	9.5	0.70	Flat 30	50-70	60
25.4	12.7	0.90	Flat 40	95-150	30
38.1	19.1	1.00	Flat 67	185-400	30
50.8	25.4	1.10	Flat 83	500-630	25
76.2	38.1	1.46	Flat 130	800	25
101.6	50.8	1.46	Flat 130		25
	Max Before Shrink 3.2 4.8 6.4 9.5 12.7 19.1 25.4 38.1 50.8 76.2	Shrink Shrink 3.2 1.6 4.8 2.4 6.4 3.2 9.5 4.8 12.7 6.4 19.1 9.5 25.4 12.7 38.1 19.1 50.8 25.4 76.2 38.1	Max Before Shrink Min After Shrink Wall Thickness 3.2 1.6 0.45 4.8 2.4 0.56 6.4 3.2 0.56 9.5 4.8 0.56 12.7 6.4 0.56 19.1 9.5 0.70 25.4 12.7 0.90 38.1 19.1 1.00 50.8 25.4 1.10 76.2 38.1 1.46	Max Before Shrink Min After Shrink Wall Thickness Form 3.2 1.6 0.45 Round 4.8 2.4 0.56 Round 6.4 3.2 0.56 Round 9.5 4.8 0.56 Flat 15 12.7 6.4 0.56 Flat 20 19.1 9.5 0.70 Flat 30 25.4 12.7 0.90 Flat 40 38.1 19.1 1.00 Flat 67 50.8 25.4 1.10 Flat 83 76.2 38.1 1.46 Flat 130	Max Before Shrink Min After Shrink Wall Thickness Form Cable Lug Size mm ² 3.2 1.6 0.45 Round 1.5-2.5 6.4 3.2 0.56 Round 1.5-2.5 6.4 3.2 0.56 Round 4.0-6.0 9.5 4.8 0.56 Flat 15 10 12.7 6.4 0.56 Flat 20 16-35 19.1 9.5 0.70 Flat 30 50-70 25.4 12.7 0.90 Flat 40 95-150 38.1 19.1 1.00 Flat 67 185-400 50.8 25.4 1.10 Flat 83 500-630 76.2 38.1 1.46 Flat 130 800

• Available in bulk reel lengths, by the linear meter or in Heatshrink packs, see P.42



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HS20

BL

Colour

Code prefix

R = Black BL = BlueBR = Brown С = Clear G = Grey GR = Green G/Y = Green/Yellow R = Red w = White Y = Yellow

Cable

Cable Cleats

HEATSHRINK SLEEVING | Heatshrink & Repair

BOXED HEATSHRINK SLEEVING





Pre Boxed Heatshrink Dispensers

With excellent electrical and mechanical properties, it is flexible and has a low shrinkage temperature. Applications include general electrical insulation, mechanical protection, cable and harness bundling, sleeving and colour identification. It is widely used in electrical, electronic, automotive, mechanical and general commercial industries. Remora's heat shrink boxed sleeving is available in sizes from 1.6mm to 25.4mm internal diameter and is available in nine different colours. Supplied in lengths from 3m to 15m in convenient point of sale packaging. Remora Heatshrink tube is also available handy sleeving kits or in Mini Kits.

- 2:1 Shrink Ratio
- High Specification, flame retardant, irradiated, flexible, polyolefin sleeving
- · High electrical and chemical resistance
- Ideal for insulation, wire bundling and mechanical protection
- Available in a wide range of sizes and colours
- Packaged in boxes in 7 sizes from 1.6 to 25.4mm

Shrink Temperature: 80°C

Temperature Range: -40°C to 135°C Material: Zero Halogen Polyolefin

Colour: Black, Blue, Brown, Clear, Grey, Green, Green/Yellow, Red, Yellow



	Internal Diameter Max Before Min After Shrink Shrink		Shrunk	Supplied	Fits	Box
Code			Wall Thickness	Form	Cable Lug Size mm ²	Reel Length (m)
HSB3-*	3.2	1.6	0.50	Round	11111	15
HSB4-*	4.8	2.4	0.50	Round	1.5-2.5	10
HSB6-*	6.4	3.2	0.65	Round	4.0-6.0	10
HSB9-*	9.5	4.8	0.65	Flat 15	10	10
HSB13-*	12.7	6.4	0.65	Flat 20	16-35	8
HSB20-*	19.1	9.5	0.75	Flat 30	50-70	5
HSB25-*	25.4	12.7	0.9	Flat 40	95-150	3

Heatshrink & Repair | HEATSHRINK SLEEVING

HEATSHRINK SLEEVING KITS



Ident & Wiring Term

Copper

Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security







Convenient and handy, Heatshrink Packs offer phase colours from 6mm to 25mm.

Shrink Temperature: 80°C Temperature Range: -40°C to 135°C Material: Zero Halogen Polyolefin Colour: Black, Blue, Brown, Grey, Green/Yellow,

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	Internal Diameter	Pack	Heatshrink		
Code	Max Before Shrink	Min After Shrink	QTY	Length	Colour
HSP6	6.4	3.2	3	250	Black
	6.4	3.2	3	250	Blue
	6.4	3.2	3	250	Brown
	6.4	3.2	3	250	Grey
	6.4	3.2	3	250	Green/Yellow

Heatshrink Pack HSP12

	Internal Diameter	Pack	Heatshrink		
Code	Max Before Shrink	Min After Shrink	QTY	Length	Colour
HSP12	12.7	6.4	3	250	Black
	12.7	6.4	3	250	Blue
	12.7	6.4	3	250	Brown
	12.7	6.4	3	250	Grey
	12.7	6.4	3	250	Green/Yellow

Heatshrink Pack HSP25

	Internal Diameter	Pack	Heatshrink		
Code	Max Before Shrink	Min After Shrink	QTY	Length	Colour
HSP25	25.4	12.7	2	250	Black
	25.4	12.7	2	250	Blue
	25.4	12.7	2	250	Brown
	25.4	12.7	2	250	Grey
	25.4	12.7	2	250	Green/Yellow

Heatshrink Pack HSP

Internal Diameter		al Diameter Pack		Heatshrink		
Code	Max Before Shrink	Min After Shrink	QTY	Length	Colour	
HSP6-25	6.4	3.2	1	250	Black, Blue, Brown, Grey, Green/Yellow	
	12.7	6.4	1	250	Black, Blue, Brown, Grey, Green/Yellow	
	25.4	12.7	1	250	Black, Blue, Brown, Grey, Green/Yellow	

HEATSHRINK SLEEVING | Heatshrink & Repair

HEATSHRINK SLEEVING KITS

Heatshrink Mini Box Kits RMK1

This kit includes 73 pieces x 100mm long in EU colours, Black, Blue, Brown, Grey, Green/ Yellow and White. All supplied in a handy plastic tray. Sizes from 2.5mm to 13mm supplied diameter. 2:1 Shrink Ratio, UL Approved, Flame Retardant, RoHS compliant.

Shrink Temperature: 80°C

Material: Zero Halogen Polyolefin

Colour: Black, Blue, Brown, Grey, Green/Yellow, White

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QTY	Length		
		Contents	
20	100	4 x Black, Blue, Brown, Grey, Green/Yellow	
15	100	3 x Black, Brown, Grey, Green/Yellow 6x Blue	
10	100	2 x Black, Blue, Brown, Grey, Green/Yellow	
8	100	2 x Black, Blue, Brown, Grey	
10	100	2 x Black, Blue, Brown, Grey, White	
10	100	2 x Black, Blue, Brown, Grey, White	
	15 10 8 10	15 100 10 100 8 100 10 100	

Heatshrink Mini Box Kits RMK2

Our adhesive lined heatshrink kit contains 35 x 100mm pieces, it is designed to protect electrical and mechanical components against moisture and water. All supplied in a handy plastic tray. Sizes from 3.0mm to 19mm supplied diameter. 3:1 Shrink Ratio, RoHS compliant. **Temperature Range**: -55° C to 110° C

Material: Zero Halogen Polyolefin Colour: Black or Red



	Internal Diameter			Heatshrink	Kit
Code	Max Before Shrink	Min After Shrink	QTY	Length	Contents
RMK2	3.0	1.0	18	100	14 x Black 4 x Red
	6.0	2.0	9	100	6 x Black 3 x Red
	9.0	3.0	4	100	3 x Black 1 x Red
	12.0	4.0	2	100	1 x Black, 1 x Red
	19.0	6.0	2	100	1 x Black, 1 x Red



Hot Air Heat Guns

The Iroda flameless heat gun has a piezoelectric self-starting ignition system. Powered by the refill cell of a disposable lighter. Windproof flame and waterproof ignition. Handy compact size and easy to use. Uses Butane fuel (not included).

Applications: Compact size, ideal for quick heatshrink applications.

DeWalt Heat Gun. Durable, ergonomic and compact variable cone attachments for greater versatility. Suitable for stripping paint, softening adhesives and automotive applications. Stand incorporated into handle for stationary use.

Applications: Ideal for soldering, de-soldering, heat-shrinking, pipe bending

Code	Description	Dimensions	Heat Temperature	Voltage
HSG1	Mini Heatshrink Gun	115 x 80 x 25	Up to 650°C	N/A
HSG2	DeWalt D26411 Heat Gun	260 x 90 x 25	Variable 50°C to 600°C	230V 50Hz



Ident & Wiring Term

> Copper Lugs

atshrink Repair

> Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Ear Cable Ligh

Tooling & Cable Ties Cable Prep & Acc

Heatshrink & Repair | HEATSHRINK END CAPS & REPAIR

HEATSHRINK CABLE END CAPS

End Caps Heatshrink Cable End Caps

Remora Heatshrink end caps are manufactured from cross-linked polyolefin material and are coated with a hot melt adhesive on the inner surface. This provides a water tight seal against the damage of moisture, dirt or corrosion. The rugged wall of these end caps also offers excellent resistance against abrasion. Suitable for use on polymeric and paper insulated, lead jacketed cables.



- Good chemical resistance
- · Good solvent resistance
- Unaffected by UV light
- 2:1 Shrink Ratio
- Zero Halogen

Dielectric Strength: 12 kV/mm min Temperature Range: -55°C to 100°C Shrink Temperature: +120°C Tensile Strength: 12.0 MPa min Tensile Strength After Heat Ageing: 68 hours @ 120°C - 10 MPa min Elongation: 300% min Elongation After Heat Ageing: 168 hours @ 120°C - 250% min Material: Cross-linked Polyolefin. Internally Coated with Hot Melt Adhesive Colour: Black



	Internal Diameter		Shrunk	
Code	Max Before Shrink	Min After Shrink	Wall Thickness	Length
HSEC12	12.0	4.0	2.6	40.0
HSEC20	20.0	6.0	2.2	42.0
HSEC25	25.0	8.5	2.5	65.0
HSEC40	40.0	15.0	3.3	75.0
HSEC55	55.0	25.0	3.3	107.0
HSEC75	75.0	35.0	3.3	127.0
HSEC100	100.0	50.0	4.0	152.0
HSEC120	120.0	60.0	4.0	152.0
HSEC148	148.0	57.0	4.0	152.0
HSEC160	160.0	82.0	4.0	152.0

Cable Ties Tooling & & Acc Cable Prep

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HEATSHRINK END CAPS & REPAIR | Heatshrink & Repair





Heatshrink Adhesive Lined Dual Wall

Adhesive Lined Dual Wall Heatshrink is a semi-rigid, heat shrinkable polyolefin tubing that is co-extruded and selectively cross-linked to provide an integral, melt-able inner wall. Uses include strain relief for wire terminations, connections and harness breakouts.

Adhesive Lined Dual Wall Heatshrink

Adhesive Lined Heatshrink is designed to insulate and seal electrical and mechanical products against water and moisture. Dual-Wall 3:1 shrink ratio, flame-retardant, inner liner of hot melt adhesive. UL approved and RoHS compliant.

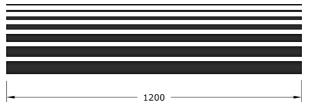
Medium Wall 3:1 Shrink Ratio

Temperature Range: -55°C to 110°C Material: Flame Retardant Polyolefin (UL94 - V0) Shrinkage Temp: 120°C Colour: Black

OFFIC SICE



	Nominal	Internal Diameter		Shrunk	
Code	Diameter	Max Before Shrink	Min After Shrink	Wall Thickness	Length (m)
HSAL3-B	3.0	3.0	1.0	1.0	1.2
HSAL6-B	6.0	6.0	2.0	1.2	1.2
HSAL12-B	12.0	12.0	4.0	1.7	1.2
HSAL19-B	19.0	19.0	6.0	2.0	1.2
HSAL30-B	30.0	33.0	10.0	2.4	1.2
HSAL40-B	40.0	40.0	13.0	2.5	1.2
HSAL50-B	50.0	52.0	19.0	2.5	1.2



MICC Cable

Fixing & Security

Call the Remora sales team at 01226 352 000

Heatshrink & Repair | ELECTRICAL TAPES

TAPES and UNDERGROUND MARKING

Tapes & Underground Marking

Our general purpose PVC insulation tape is commonly used in applications such as insulating of cable joints / terminations and the harnessing of cables, not forgetting cable identification in the harmonised colours. More specialist tapes, such as self amalgamating, gaffer / duct tapes, waterproof and warning tapes for underground application including underground tile tape are all standard to Remora.

PVC Insulating Tape

Remora PVC Electrical Insulation Tape is a tough, dependable, and cost-effective tape. It peels easily from the roll and rips by hand without straining. It is intended for use by professional electricians and meets BS EN 60454-3 and RoHS requirements.

Material: PVC
Elongation: 125%
Tensile Strength: 22N

N/10mm Dielectric Strength: 40kV/mm Temperature Rating: -18°C to 105°C



Code	Colour	Width	Length (m)	Thickness	Pack QTY
PVC1920-B	Black	19.0	20	0.15	10
PVC1920-BL	Blue	19.0	20	0.15	10
PVC1920-BR	Brown	19.0	20	0.15	10
PVC1920-G	Grey	19.0	20	0.15	10
PVC1920-GR	Green	19.0	20	0.15	10
PVC1920-G/Y	Green / Yellow	19.0	20	0.15	10
PVC1920-O	Orange	19.0	20	0.15	10
PVC1920-P	Purple	19.0	20	0.15	10
PVC1920-R	Red	19.0	20	0.15	10
PVC1920-W	White	19.0	20	0.15	10
PVC1920-Y	Yellow	19.0	20	0.15	10
PVC1933-B	Black	19.0	33	0.15	10
PVC1933-BL	Blue	19.0	33	0.15	10
PVC1933-BR	Brown	19.0	33	0.15	10
PVC1933-G	Grey	19.0	33	0.15	10
PVC1933-GR	Green	19.0	33	0.15	10
PVC1933-G/Y	Green / Yellow	19.0	33	0.15	10
PVC1933-O	Orange	19.0	33	0.15	10
PVC1933-P	Purple	19.0	33	0.15	10
PVC1933-R	Red	19.0	33	0.15	10
PVC1933-W	White	19.0	33	0.15	10
PVC1933-Y	Yellow	19.0	33	0.15	10
PVC5033-B	Black	50.0	33	0.15	3
PVC5033-BL	Blue	50.0	33	0.15	3
PVC5033-BR	Brown	50.0	33	0.15	3
PVC5033-G	Grey	50.0	33	0.15	3
PVC5033-G/Y	Green / Yellow	50.0	33	0.15	3
PVC5033-W	White	50.0	33	0.15	3

Copper Lugs

Cable Jointing

Cable Ties Tooling & & Acc Cable Prep

ELECTRICAL TAPES | Heatshrink & Repair

TAPES and UNDERGROUND MARKING

PVC Insulating Tape - Phase Kit

Convenient Phase Colours PVC Tape packs available in two length 20 & 33 metre.

PVC Phase Kits include ; 2 x Black , Blue, Brown & Grey

1 x White & Green/Yellow

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Code	Width	Length (m)	Thickness
PVC-PHASE1	19.0	20	0.15
PVC-PHASE2	19.0	33	0.15





A highly conformable, self-amalgamating EPR (Ethylene Propylene Rubber) based tape for electrical applications, jointing and cable repairs. This high voltage rubber tape provides a seamless waterproof, electrically stable

insulation layer, it sticks only to itself so a requirement of 50% overlap must be used.

- Good solvent resistance
- · Stretch up to 100% for void-free, moisture-resistant insulation
- Unaffected by UV light
- 2:1 Shrink Ratio
- Zero Halogen

Material: EPDM Tensile Strength: 4.73Mpa Dielectric Strength: 25kV/mm Operating Temperature: 90°C



Code	Width	Length (m)	Thickness	Colour	
SAT19-10	19.0	10	0.50	Black	
SAT25-10	25.0	10	0.50	Black	



Petroleum Anti-Corrosion Tape

PETRO is a cold-applied anti-corrosion sealing tape that is petroleum impregnated and coated. It offers a weatherproof seal when wrapped around joints to stop the ingress of moisture.

Material: Synthetic - Impregnated and coated with neutral petroleum compound Colour: Green

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Code	Width	Length (m)
PETRO-50	50.0	10
PETRO-100	100.0	10



Ident & Wiring Term

Copper Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

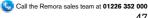
Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable



Heatshrink & Repair | ELECTRICAL TAPES

TAPES and UNDERGROUND MARKING

Gaffer / Duct Tape

Whatever use you find for Gaffer / Duct tape, whether it be, Fixing, Binding or Repairing you will not be disappointed with our product. Leaving no residue, yet highly adhesive this water resistant tape is ideal for interior or exterior applications.

- · Adhesive coated with vacuum hotmelt (synthetic rubber)
- · Ideal for fixing, binding and repairs
- ·Water resistant, highly adhesive and leaves no residue.
- · Suitable for interior and exterior use
- Available in Black, Red, Silver & White

Material: Polycloth Temperature: -15°C to +70°C Tensile Strength: >60 N/cm Adhesive: Synethic Rubber Elongation: 10-20%

NO



Code	Colour	Width	Length (m)	Thickness (mm)	Box QTY	
GT48-B	Black	48	50	0.18	24	
GT48-R	Red	48	50	0.18	24	
GT48-S	Silver	48	50	0.18	24	
GT48-W	White	48	50	0.18	24	
GT75-B	Black	75	50	0.18	16	
GT75-S	Silver	75	50	0.18	16	
GT75-W	White	75	50	0.18	16	
GT100-B	Black	100	50	0.18	12	
GT100-S	Silver	100	50	0.18	12	
GT100-W	White	100	50	0.18	12	



Aluminium Foil Tape

Self-adhesive soft Alumiunium foil coated tape. Ideal for internal and external applications including, insulation materials & ventilation and air conditioning systems. Soft aluminium foil 48, 75 & 100mm

- 50 micron Aluminium foil
- · Consistent performance over a wide service temperature range
- · Paper release carrier with emulsion based acrylic adhesive
- Available in three sizes

Material: Aluminium Foil / Paper release carrier with emulsion based adhesive Adhesive: Acrylic

Temperature: -15°C to +70°C Total Thickness: 50 micron Tensile Strength: >12 N/cm

Elongation: 10-20% 1



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Code	Colour	Width	Length (m)	Thickness (mm)	Box QTY	
AT48	Silver	48	50	0.15	24	
AT75	Silver	75	50	0.15	16	
AT100	Silver	100	50	0.15	12	

Ident & Wiring Term

_ Copper

featshrink Repair

Earthing Lightning

MICC Cable

ELECTRICAL TAPES | Heatshrink & Repair

TAPES and UNDERGROUND MARKING

Hazard Warning Tape

Hazard warning tape is a highly visible and essential safety product designed to alert and protect individuals from potentially dangerous or restricted areas. The bold colour combinations makes instantly recognisable, indicating areas of potential hazard and risk or where caution must be given.

- Ideal for marking floors, walls and overhead
- Flexible
- · Good water and abrasion resistance.

Material: PVC film coated with rubber pressure sensitive adhesive Temperature: -15°C to +80°C Tensile Strength: >16 N/cm Elongation: 150%



Code	Colour	Width	Length (m)	Thickness (mm)	Box QTY
HWT50-BY	Black/Yellow	50	33	0.15	24
HWT50-RW	Red/White	50	33	0.15	24

Underground Warning Tape

Underground warning tape is a specialised safety product designed to alert and protect against the presence of buried utility cables, pipes, or other subsurface installations. It serves as a visual indicator and clear warning to any excavation or construction personnel that extreme care must be exercised. Manufactured from low density polyethylene lead free pigments with virgin grade film soil tolerance from pH 2.5 to pH 11.0 inclusive.

Material: Polyethylene (PE) Film Colour: Yellow Elongation: 240% Printed Warning: 'CAUTION ELECTRIC CABLE BELOW'



Code	Width	Length (m)	Colour	Thickness (micron)
WT-01	150.0	365	Yellow	50



Tiletape[™] Underground Warning

Tiletape combines a highly visible warning plus a measure of protection in one system. Ideal for lower voltage electric cables and other utilities. Zero PVC content.

Highly resistant to Acids and Alkalis

· Measure of protection in one system

Base Substrate: Recycled Plastic Toptape Substrate: 100% Virgin Polyethylene Tensile Strength: 10MN/M³ Printed Warning: 'CAUTION ELECTRIC CABLE BELOW'



Code	Width	Length (m)	Thickness	
TT200	200.0	40	2.5	



Ident & Wiring Term Copper Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Heatshrink & Repair | PVC SLEEVING

PVC SLEEVING

PVC Sleeving Coloured PVC Sleeving

Our RoHS compliant high grade PVC flexible Earth Sleeving is manufactured from premium virgin grade compound in a wide range of sizes. Standard nominal wall size is 0.5mm, other sizes are available to order. Supplied with green and yellow stripes for use in earth identification and solid colour for electrical contracting purposes. Supplied in continuous 100m coils. Some sizes are available supplied on reels, please contact us for more information





Green/Yellow and Coloured PVC Sleeving

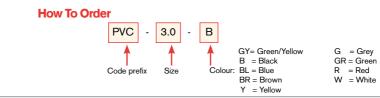
Dielectric Strength: 20 kV/mm min Temperature Range: -20°C to 70°C Elongation at Break: 220% min Insulation Resistance: 10¹⁰ ohm/cm Hardness: BSS20-30 Flammability: Self-extinguishing in 30 seconds Standards: BS 2848/3/85T Material: FVC Colour: Green/Yellow, Black, Blue, Brown, Yellow, Grey, Red, Green, White



Code	Internal Diameter	To Cover Cable Size mm ²	Coil Length (m)
PVC-2.0-G/Y	2.0		100
PVC-3.0-G/Y	3.0	0.5-0.75	100
PVC-4.0-G/Y	4.0	1.5-2.5	100
PVC-6.0-G/Y	6.0	6.0	100
PVC-8.0-G/Y	8.0	10.0	100
PVC-10.0-G/Y	10.0	16.0-25.0	100



Internal Diameter	To Cover Cable Size mm ²	Coil Length (m)
2.0		100
3.0	0.5-0.75	100
4.0	1.5-2.5	100
6.0	6.0	100
8.0	10.0	100
10.0	16.0-25.0	100
	2.0 3.0 4.0 6.0 8.0	2.0 3.0 0.5-0.75 4.0 1.5-2.5 6.0 6.0 8.0 10.0



Cable Ties Tooling & & Acc Cable Prep

PVC SLEEVING Heatshrink&Repair

MULTI-REEL PVC SLEEVING



Multi-Reel PVC Sleeving

The PVC Multi Reel is designed with electricians in mind. It is supplied on one reel, which is split into 3 sections. Our RoHS compliant high grade PVC flexible Earth Sleeving is manufactured from premium virgin grade compound and is available in diameters of 2.0mm, 3.0mm or 4.0mm. The 2.0mm and 3.0mm contains 20 metres Blue & Brown Sleeving and 60 metres Green/Yellow sleeving. The 4.0mm contains 10 metres Blue & Brown Sleeving and 40 metres Green/Yellow sleeving.

Green/Yellow and Coloured PVC Sleeving

Dielectric Strength: 20 kV/mm min Temperature Range: -20°C to 70°C Elongation at Break: 220% min Insulation Resistance: 10¹⁰ ohm/cm Hardness: BSS20-30 Flammability: Self-extinguishing in 30 seconds Standards: BS 2848/3/85T Material: PVC Colour: Green/Yellow, Blue & Brown





			Coil Length (m)	
Code	Internal Diameter	To Cover Cable Size mm ²	Blue & Brown	Green/Yellow
PVC-MR-2.0	2.0		20	60
PVC-MR-3.0	3.0	0.5-0.75	20	60
PVC-MR-4.0	4.0	1.5-2.5	10	40

Heatshrink & Repair | SLEEVING

PUSH BACK SLEEVING & SPIRAL WRAP

Push Back Braided Sleeving Braided sleeving is a range of lightweight, self-fitting, flexible sleeving that provides tough protection for bundles of cables up to a maximum diameter of 80mm. Low toxicity and halogen free with an expansion ratio of 1.5 times original dimensions.

· Unaffected by most chemical, solvents and oils.

• UV and abrasion resistant.

Material: Heat Stabilised Polyester (PET) Continuous Temperature: -50°C to +150°C Flammability: Self-extinguishing material



Code	Diameter	Flat Diameter	Reel QTY (m)
BS5/100-B	3 - 9	6	100
BS10/100-B	5 - 16	8	100
BS15/50-B	10 - 28	16	50
BS20/50-B	14 - 30	20	50
BS25/50-B	18 - 35	25	50
BS30/25-B	20 - 50	32	25
BS40/25-B	25 - 60	38	25
BS50/25-B	40 - 80	50	25





Spiral Wrap Binding Lightweight flexible spiral wrap binding provides a fast, flexible and economical way to organise and protect cables. Wrapping can be cut to fit and easily reused as it keeps spiral form. ·Water, oils and fuel resistant

- Halogen free
- · Easily applied to electrical harnesses and cable bundles

Material: Polyethylene

Continuous Temperature: -30°C to +90°C





Code	Colour	Inside Diameter	Outside Diameter	Min. Bundle Dia	Max. Bundle Dia	Length (m)
CB1-B	Black	5.0	6.0	4.0	50.0	25
CB2-B	Black	7.0	8.0	6.0	60.0	25
CB3-B	Black	10.0	12.0	9.0	65.0	25
CB4-B	Black	13.0	15.0	12.0	70.0	25
CB5-B	Black	21.0	24.0	20.0	130.0	25
CB1-N	Natural	5.0	6.0	4.0	50.0	25
CB2-N	Natural	7.0	8.0	6.0	60.0	25
CB3-N	Natural	10.0	12.0	9.0	65.0	25
CB4-N	Natural	13.0	15.0	12.0	70.0	25
CB5-N	Natural	21.0	24.0	20.0	130.0	25

Heatshrini Repair

Cable Cleats

Earthing Lightning

PVC GROMMET STRIP | Heatshrink & Repair

PVC GROMMET STRIP

Ident & Wiring Term **Grommet Strip PVC Grommet Edging Strip**

Made from a self extinguishing PVC, this material has excellent flexibility which makes application quick and easy. A more general multi-purpose edge protection used to cover rough edges in any metal or plastic.

PVC Grommet Edging Strip

- · Designed to protect cables routed through sharp edged cut out sections
- · Easy to use and keeps your cables safe from damage
- No adhesive required push fit installation
- Suitable for Panel Thickness 1.0-2.0mm

Flammability: Self-extinguishing Temperature Range: -65°C to 105°C Elongation: 220% min Tensile Strength: 15MPa min Material: PVC Colour: Black

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Code	(A)	(B)	(C)	(D)	(E)	(F)	Length (m)
GS1	6.3	4.9	1.0	1.8	4.2	5.0	75
GS2	9.5	7.7	1.1	1.2	2.0	4.5	25



1	70
1	-μ

Copper Lugs

eatshrink Repair

Gland Accs.

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Heatshrink & Repair PVC GROMMET STRIP & GROMMETS

PVC GROMMET STRIP

Reinforced Edging Strip

Heavy Duty Reinforced Edging Strip Made from a self extinguishing PVC, this material has excellent flexibility which

Made from a self extinguishing PVC, this material has excellent flexibility which makes application quick and easy. For applications where extra durability is required heavy duty steel edging strip offers extra protection. Its flexible nature makes it ideal for fitting to irregular shapes.

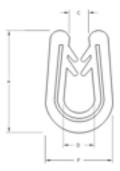


Heavy Duty Steel Reinforced Edging Strip

- Designed to offer a neat and safe finish to sharp edges
- Extra protection and durability
- Flexible to conform to irregular shapes
- Simple push-fit with metal crimp to hold in position
- Suitable for Panel Thickness 1.0-12.0mm

Flammability: Self-extinguishing Temperature Range: -20°C to 40°C Material: PVC / Steel Colour: Black



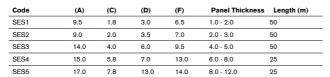


Ident & Wiring Term

Copper Lugs

Cable Jointing

Junction Boxes



pvcgrommetstrip&grommets|Heatshrink&Repair



OPEN and CLOSED GROMMETS

Grommets **Open and Closed PVC Grommets**

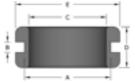
PVC grommets to fit 1.6mm Panel Thickness, used to protect cables or pipes passing through metal panels.

Open PVC Grommets

· Low cost protection for wires and cables passing through metal panels • To fit 1.6mm panel thickness Hardness: 48 to 55 Shore A Material: PVC Operating Temperature: -20°C to 65°C

Colour: Black







Open			Dimensi	ons				
Code	Description	Colour	(A)	(B)	(C)	(D)	(E)	Pack QTY
OG12	Wiring Grommet 12mm	Black	12.3	1.6	9.5	6.4	16.2	100
OG16	Wiring Grommet 16mm	Black	15.8	1.6	12.0	5.9	19.0	100
OG20	Wiring Grommet 20mm	Black	20.2	1.6	15.8	6.2	23.0	100
OG25	Wiring Grommet 25mm	Black	25.0	1.6	19.5	7.3	29.2	100
OG32	Wiring Grommet 32mm	Black	31.0	1.6	24.0	8.0	38.1	100
OG38	Wiring Grommet 38mm	Black	37.4	1.6	31.5	9.5	46.0	100
OG50	Wiring Grommet 50mm	Black	50.5	1.6	44.5	11.1	60.3	100



Open			Dimensions								
Code	Description	Colour	(A)	(B)	(C)	(D)	(E)	Pack QTY			
FFG20	Fast-Fit Wiring Grommet 20mm	Black	19.5	2.0	16.8	8.3	24.1	100			
FFG25	Fast-Fit Wiring Grommet 25mm	Black	24.5	2.0	22.3	8.4	29.2	100			

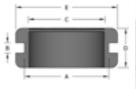
Closed PVC Grommets

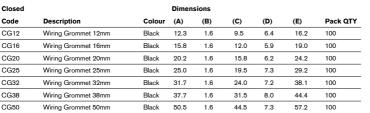
· Low cost protection for wires and cables passing through metal panels · Quick and easy to install

Hardness: 48 to 55 Shore A Material: PVC

Operating Temperature: -20°C to 65°C Colour: Black











Flexible Conduit

Ident & Wiring Term

Copper Lugs

Cable Jointing

Cable Glands

Earthing Lightning

MICC

Jointing | SECTION CONTENTS

CABLE JOINTING

Cable Jointing

Ident & Wiring Term

Lugs

Heatshrink Repair

Buituion

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security The jointing of cables is a necessity that inevitably occurs in all areas of the electrical industry. The paramount factors are that this is done safely and efficiently, whether this is in LV, MV, or HV installations this remains to be true. Our comprehensive range of LV jointing products ensures that all standards are met and you can be safe in the knowledge you can joint it and forget it.



Resin Joints: Our range of cable jointing solutions and systems encapsulate a wide number of possibilities within the LV and MV applications. Resin Straight and Resin Branch jointing systems are offered for LV applications of up to 1000v, accommodating upto 400mm² cable in straight and 70mm² in branch kits. The snap lock shells and easy pour two-part resin gives a quick, clean and efficient jointing solution.

Duct Sealing Systems: If you are running ducting to carry a configuration of cables or pipes, why not use our FiloSeal+HD or FiloSeal+HD FIRE product? By utilising the hexagonal shaped tubes to build up a honeycomb structure around the components contained in the duct means that a mechanical support is achieved. Then applying the sealant creates a flexible elastomer mass, after curing via humidity alone gives an effective seal and bond. The seal stays soft to the touch in order to re-enter and pass additional cables or pipes into the duct in the future.

Cold Shrink Systems: Cold Shrink systems are the efficient, easy alternative to Heat Shrink. Are you fed up with lugging all that extra equipment around site such as heat guns and gas bottles and seeking the appropriate permits to carry out Heat Shrink work? Then go Cold! Remora have the solution for you whether it be End Caps, Joints or Abandonment kits. The elastomeric properties that exist in Cold Shrink products, means that the tube acts like an elastic band being stretched over the termination or joint, then exercising a forcible inward motion applying a continuous squeezing effect onto the cable.

FILOseal+HDFIRE

SECTION CONTENTS Jointing



Jointing | CABLE JOINTS & CONNECTORS

CABLE JOINTING - STRAIGHT

Straight Resin RCM Straight Joint 600/1000v

The RCM Range of Resin Joints are designed for 600/1000v cables with stranded copper or solid aluminium conductors up to 400mm² PVC, XLPE or EPR insulated, PVC sheathed single wire armoured, aluminium strip armoured or unarmoured cables. The joints have been specifically designed to offer the user quick, clean & efficient jointing featuring snap lock shells & easy-pour twopart resin.



RCM Straight Joints

The RCM range of Resin Joints are designed to be used with 600/1000v cables with stranded copper or solid aluminium conductors up to 400mm². Steel Wire Armoured, Aluminium Strip Armoured or Unarmoured Cables with either PVC, XLPE or EPR insulated sleeving. The joints have been designed to offer the user quick, clean and efficient jointing featuring snap-lock shells and easy-pour two-part resin.

• Designed for UK armoured cables to allow plenty of room to work

Material: Hydrolysis resistant polyurethane resin Voltage: 600/1000 volts (3.3kV with upgrade) Temperature Range: -10°C to 120°C Standards: DIN EN 50393:2006-11 (VDE 0278-393)



+ Connectors	Max Cable Size					Resin	
Code	2, 3, 4 core (mm ²)	Cable Entry	Length (L2)	Width (W)	Shell Style	Content (ml)	
RCM0+C	1.5 - 6.0	5 - 20	200.0	35.0	Injection Mould - Snaplock	200	
RCM1+C	10.0 - 16.0	8 - 30	250.0	45.0	Injection Mould - Snaplock	360	
RCM2+C	16.0 - 25.0	10 - 34	320.0	60.0	Injection Mould - Snaplock	800	
RCM2.5+C	35.0 - 70.0	26 - 53	355.0	72.0	Injection Mould - Snaplock	1160	
RCM3+C	70.0 - 95.0	30 - 48	450.0	75.0	Injection Mould - Snaplock	1360	
RCM4+C	95.0 - 120.0	37 - 67	547.0	108.0	Injection Mould - Snaplock	4070	
RCS5+C	150.0 - 185.0	48 - 88	700.0	140.0	Vacuum Formed	7560	
RCS6+C	240.0 - 300.0	48 - 88	800.0	160.0	Vacuum Formed	10080	
RCS7+C	400.0	70 - 105	1345.0	155.0	Vacuum Formed	17600	

Quick Selection Chart - Armoured Cable

12

	Cable Size mm ²																
No. of Cores	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
2	RCMC)				RCM1		RCM2		RCM3			RCM4			RCS6	RCS
3	RCM)			RCM1		RCM2	RCM2	.5			RCM4		RCS5	RCS6		RCS
4	RCM)			RCM1		RCM2	RCM2	.5			RCM4	RCS5		RCS6		RCS
5	RCM0)	RCM	1	RCM2		RCM3		RCM4		RCS5		RCS6	RCS7			
6	RCM1																
7	RCM1																
8	RCM1																
10	RCM2	2															
12	RCM3	3															
16	RCM3	3															

Cable

CABLE JOINTING - STRAIGHT

Straight Mechanical Connectors

Straight Mechanical Connectors for use with RCM Resin Joints.

- · Suitable for connecting conductors in straight joints
- Suitable for solid strand conductors
- Brass for sizes 1.5-120mm².

Material: Nickel Plated Brass

2407	⊴ ⊂€		
Code	Description	Cable Range mm ²	Pack QTY
RMC1/0	Brass tunnel connector	1.5 - 6.0	4
RMC1/1	Brass tunnel connector	6.0 - 16.0	4
RMC1/2	Brass tunnel connector	10.0 - 35.0	4
RMC1/3	Brass tunnel connector	16.0 - 70.0	4
RMC1/5	Brass tunnel connector	50.0 - 95.0	4



Straight Mechanical Connectors for use with RCM Resin Joints.

- · Jointing of stranded aluminium or copper cores in applications up to 11kV
- · Shear bolts to ensure a consistent & reliable connection
- · Supplied with Brass gauze to improve electrical stability when joining copper cables
- Aluminium shear-head bolts for sizes 25-300mm²

Material: Aluminium a success success success and

	≥ (€				
Code	Length	Width	Height	Cable Range mm ²	
UM95	86.0	26.0	24.5	25.0 - 95.0	_
UM185	108.0	35.0	33.0	35.0 - 185.0	
UM300	120.0	41.0	40.0	70.0 - 300.0	_



Two-Part Jointing Resin

Easy-pour Polyurethane resin is specially designed for cable joints up to 1kV. It has good anti corrosion properties and shows excellent adhesion to metals, ceramics, and many different plastics.

Material: Hydrolysis resistant polyurethane resin Voltage: 1kV (1000v) Standards: IEC 60455-3-8:2013

<u> </u>			
Code	Content ml	Colour	
PR360	360	Black	
PR800	800	Black	
PR1800	1800	Black	



Ident & Wiring Term

Heatshrink Copper Repair Lugs

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

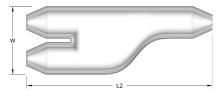
Jointing | CABLE JOINTS & CONNECTORS

CABLE JOINTING - BRANCH

Branch Resin RCB Branch Joint 600/1000v

The RCB Range of Resin Joints are designed for 600/1000v cables with stranded copper or solid aluminium conductors up to 70mm² PVC, XLPE or EPR insulated, PVC sheathed single wire armoured, aluminium strip armoured or unarmoured. The joints have been specifically designed to join three equal or smaller sized cables. They offer quick, clean & efficient jointing with snap lock shells & easy-pour two-part resin.





Max Cable Size

RCB Branch Joints

The RCB range of Resin Joints are designed to be used with 600/1000v cables with stranded copper or solid aluminium conductors up to 70mm². Steel Wire Armoured, Aluminium Strip Armoured or Unarmoured Cables with either PVC, XLPE or EPR insulated sleeving. The joints have been designed to offer the user quick, clean and efficient jointing featuring snap-lock shells and easy-pour two-part resin.

Designed for UK armoured cables to allow plenty of room to work
 Material: Hydrolysis resistant polyurethane resin
 Voltage: 1kV (1000v)

Standards: DIN EN 50393:2006-11 (VDE 0278-393:2006-11)

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D	•		'n
R	e	5	

	2, 3, 4 core					
Code	(mm²)	Cable Entry	Length (L2)	Width (W)	Shell Style	Content (ml)
RCB6+C	1.5 - 6.0	12.0 - 24.0	220.0	76.0	Injection Mould - Snaplock	470
RCB16+C	6.0 - 16.0	9.0 - 25.0	335.0	120.0	Injection Mould - Snaplock	1270
RCB35+C	25.0 - 35.0	8.0 - 30.0	420.0	135.0	Injection Mould - Snaplock	2000
RCB70+C	50.0 - 70.0	15.0 - 40.0	485.0	120.0	Vacuum Formed	3600

Quick Selection Chart - Armoured Cable

	Cable Size mm ²													
No. of Cores	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185
1	RCB6	3		RCB	16				RCB35		RCB70			
2	RCB6	6		RCB	16		RCB35			RCB70				
3	RCB6	3		RCB	16		RCB35		RCB70					
4	RCB6	6		RCB	16		RCB35		RCB70					
5	RCB1	6				RCB35		RCB70						

+ Connectors

Cable

Cable Ties Tooling & & Acc Cable Prep

CABLE JOINTS & CONNECTORS | Jointing

CABLE JOINTING - BRANCH

Branch Mechanical Connectors

Branch Mechanical Connectors for use with RCB Resin Joints. For use with cables up to 95mm². Material: Aluminium Alloy

M@/@(E

Code	Length	Width	Height	Cable Range mm ²
P1	23.0	20.0	25.0	< 35.0
WM1	40.0	41.0	34.0	16.0 - 95.0



Two-Part Jointing Resin

Easy-pour Polyurethane resin is specially designed for cable joints up to 1kV. It has good anti corrosion properties and shows excellent adhesion to metals, ceramics, and many different plastics.

Material: Hydrolysis resistant polyurethane resin Voltage: 1kV (1000v) Standards: IEC 60455-3-8:2013



Code	Content ml	Colour
PR360	360	Black
PR800	800	Black
PR1800	1800	Black





Ident & Wiring Term

Copper Lugs

Heatshrink Repair



Jointing CABLE JOINTS & CONNECTORS

CONNECTORS & TERMINALS

Connector Strips - 12 Way

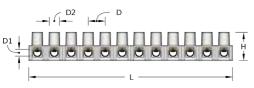
Package contains 10x Electrical Connector Strips (12 Ways per strip) Easy-Cut, Captive Screws & Raised for Easy Wiring. Screw holes between each block for quick and secure mounting. Each terminal block has the Current and Voltage rating imprinted below the terminal strip.

Temperature Range: -15 to +80°C

Material: Polyethylene (PE) Housing / Galvanised Steel Screws / Brass Housing Colour: Natural

9 2	C	E	
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Code	Sector mm ²	Rated Current	Rated Voltage	(L)	Width (W)	Dia 1	Dia 2	(D)	(H)	Pack QTY
12WSC3A	4.0	3 Amp	380V	93.0	16.8	2.8	2.3	7.8	13.6	10
12WSC5A	6.0	5 Amp	380V	115.0	18.8	3.3	2.6	10.0	15.0	10
12WSC10A	10.0	10 Amp	400V	129.0	20.7	4.3	2.8	11.0	16.2	10
12WSC15A	12.0	15 Amp	400V	137.0	22.5	4.5	2.8	12.0	18.8	10
12WSC30A	16.0	30 Amp	400V	165.0	25.5	5.5	3.0	14.0	19.8	10
12WSC60A	25.0	60 Amp	400V	187.0	31.2	6.5	3.8	16.5	25.5	10





This innovative solution has been developed to offer faster termination of cables into the terminal block safely and consistently. Transparent case provides a clear view to see connections. Ergonomic easy-open levers. Speeds up installation of fine stranded conductors.

Length (L)

Pack QTY

18.6

18.6

18.6

1

.2, 3 and 5 way options

Test slots for continuity and voltage testing.

Rating: 32A / 450V	
Temperature: 85°C	

Material: Polycarbonate UL94 V2 Standards: IEC EN 60998-1, 60998-2-2

Conductors

Description

Rating

32A / 450V

32A / 450V

32A / 450V

75 Piece Lever Terminal Box Kit

(€@	

2

з

5

0.2 - 4mm ²	Strand	
0.2 - 4mm ²	Solid	
$0.34 - 4mm^2$	Fine	

13.1

18.7

29.9



in the later in the

24

11





Kit Contents • VID-UC-02 x 20 • VID-UC-03 x 40 • VID-UC-05 x 15

Width (W) Height (H) Pack QTY

10.5

10.5

10.5

100

50

25

Cable Cleats

-Q

Code

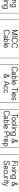
VID-UC-02

VID-UC-03

VID-UC-05

Code

VID-BK



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CABLE JOINTS & CONNECTORS | Jointing

CABLE SOCKS



Single Eye Cable Grips (Cable Socks)

Designed to fit the typical European range of cables, and with a longer lattice length, Ideal for pulling light to medium loads. Typical application - 'standard pull' of single or group of cables, where additional support is unnecessary, or if used in conjunction with other cable grips.

- · Available in galvanised steel or stainless steel
- Specifically designed for metric sized cable
- Suitable for underground installations
- · Fits easily onto electrical cables

Material: Galvanised Steel Max Breaking Load: 760-7100Kgs





					5 %
Code	Range	Lattice Length	Overall Length	Approx. Break Load (kg)	Junction Boxes
CSOCK/6-13	6 - 13	230	305	760	
CSOCK/13-19	13 - 19	355	430	1,015	
CSOCK/19-25	19 - 25	405	510	2,540	ple
CSOCK/25-38	25 - 38	455	610	3,555	Elexible Conduit
CSOCK/38-50	38 - 50	535	735	5,080	
CSOCK/50-63	50 - 63	610	865	5,080	
CSOCK/63-89	63 - 89	685	990	6,095	Cable Gable
CSOCK/89-115	89 - 115	685	990	7,110	0 <u>6</u>

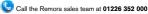
• also available in Double Eye and Stainless Steel to order

Gland Accs.

Cable Cleats

Earthing Lightning

Heatshrink Copper | Ident & Repair Lugs | Wing Tem



Jointing | CABLE JOINTS & CONNECTORS

IN-LINE CONNECTORS

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security 3 Pole

4 Pole

450V In-Line Multi Pole Connectors

Our In-Line cable connectors are a fast and effective means of jointing 2 lengths of non armoured cable. Ideal for locations where a junction box can't be used but a high ingress protection is still required. Available in 3 and 4 pole in the standard range. Having brightly coloured seals/gaskets to both plug and socket parts of the connector, it is easy to see if they are in place ensuring IP68 ingress protection (3 bar) when connected. Meaning safe operation even when submerged in water.



IP68 In-Line Cable Connectors

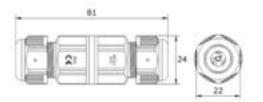
Can be used to extend and join electrical cables between 5-12mm (outside cable diameter). High quality construction makes it ideal for use outdoor in heavy rain or under bright sunlight. Can even be placed underground.

- 3 or 4 Pole
- Waterproof Certified IP68 at 5 Bar
- Water and Dust proof. UV Resistant and Flame Retardant
- Quick and Secure screw terminal connection guarantees long lasting and reliable continuity
 Fully IEC and CE certified
- IEC60998-2-1:2004, IEC62444:2013, IEC60529:1991+A1:2000+A2:2013

IP Rating: IP68 (5 bar) Voltage: 400V Current: 16A Temperature: -35°C to 85°C Material: Nylon PA66



Code	Poles	Current	Cable OD	Length	A/F	Width	Pack QTY
LCH1312.68-3P	3	16A	5 - 12	81	22	24	2
LCH1312.68-4P	4	16A	5 - 12	81	22	24	2



CABLE JOINTS & CONNECTORS | Jointing

IN-LINE CONNECTORS



IP68 In-Line Disconnecting **450V In-Line Multi Pole Connectors**

Our In-Line cable connectors are a fast and effective means of jointing 2 lengths of non armoured cable. Ideal for locations where a junction box can't be used but a high ingress protection is still required. Available in 3, 4 and 5 pole in the disconnecting range. Having brightly coloured seals/gaskets to both plug and socket parts of the connector, it is easy to see if they are in place ensuring IP68 ingress protection (3 bar) when connected. Meaning safe operation even when submerged in water.

The disconnecting range allows safe separation of the two opposing parts of the connector, without the need to remove power. When separated the two parts of the disconnecting connector offer IP2X finger protection from the live terminals inside.

IP68 In-Line Cable Connectors - Disconnecting

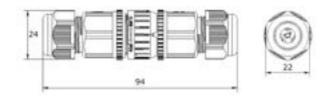
Can be used to extend and join electrical cables between 5-12mm (outside cable diameter). High quality construction makes it ideal for use outdoor in heavy rain or under bright sunlight. Can even be placed underground.

- Disconnecting
- 3, 4 or 5 Pole
- Waterproof Certified IP68 at 5 Bar
- · Water and Dust proof. UV Resistant and Flame Retardant
- Quick and Secure
- Screw terminal connection guarantees long lasting and reliable continuity
- Fully IEC and CE certified
- IEC60998-2-1:2004, IEC62444:2013, IEC60529:1991+A1:2000+A2:2013





Code	Poles	Current	Cable OD	Length	A/F	Width	Pack QTY
LCH1312.68C-3P	3	16A	5 - 12	94	22	24	2
LCH1312.68C-4P	4	16A	5 - 12	94	22	24	2
LCH1312.68C-5P	5	16A	5 - 12	94	22	24	2





3 Pole Disconnecting

4 Pole Disconnecting

Disconnecting

5 Pole

Cable Cleats

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Jointing CABLE DUCT SEALING SYSTEM

RE-ENTERABLE CABLE DUCT SEALING SYSTEM

FiloSeal+HD **Re-enterable Duct Sealing System**

FiloSeal+HD provides a strong support system using the hexagonal tubes which builds up like a honeycomb structure. FiloSeal+HD is suitable for sealing any cable configuration or pipes contained in one duct and also allows easy re-entry of the seal to add or remove cables or pipes as required. The duct sealing system FiloSeal+HD uses our MD+ sealant which is easily applied from a skeleton gun. The high quality, one component, flexible sealant "MD+" is based on a Silicone compound that cures with air (Humidity). After application and full curing the thixotropic MD+ forms a plastic elastomer mass with special qualities effectively sealing and bonding, while providing a high level of durability.









Re-Enterable Duct Sealing System

- · Flexible, one component, adhesive and sealing compound
- · High levels of Gas and Water tightness
- · Resistant against Water, Alkaline, Chemical agents
- Resistant to Rats
- · Resistant to Hydrogen Sulphide / Methane and many other Gases (NedLab)
- Non corrosive
- Shock absorbing
- . Non toxic, neutral and almost odourless
- Complies with ATEX regulations
- · Suitable for any shaped duct / bore hole / opening
- Quick and easy installation
- Seals all known materials, PVC & PE sheathed cables, PILC, (HD) PE pipes
- · Suitable for renovations, can be installed retrospectively

Density: 1.2 gr/cm² Pressure: up to 2 bar Pulling Force: 100kg Flow: <2mm ISO 7390 Colour: Red-Brown

Curing Time: 3mm / 24 hours Hardness: 30 shore A - DIN 53505 Elongation: 100% - DIN53504 Tensile Strength: 0.8 N/mm² - DIN53504 Operating Temp: +5°C to 40°C Skin Over Time: +-15minutes Temperature Resistance: -40°C to 120°C



Code	Description	Max Duct Diameter mm	Max Cable Diameter in Duct	Pressure Resistance
FS+HD-110	FiloSeal+HD 110mm	Max 110.0	Ø 80 Max	Upto 2 bar
FS+HD-160	FiloSeal+HD 160mm	Max 160.0	Ø 130 Max	Upto 2 bar



Ident & Wiring Term

Lugs

Heatshrink Repair

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security



Re-Enterable Duct Sealing System

All the benefits of the FILOseal+ with the exception of reduced max pressure resistance of 1 bar and minimal pull resistance.



1	Code	Description	Max Duct Diameter mm	Max Cable Diameter in Duct	Pressure Resistance
1	FS+125	FiloSeal+ 125mm	Max 125.0	Ø 95 Max	Upto 1 bar
1	FS+200	FiloSeal+ 200mm	Max 200.0	Ø 160 Max	Upto 1 bar

COLD SHRINK SYSTEMS Jointing

FIRE RESISTANT RE-ENTERABLE CABLE DUCT SEALING SYSTEM



FiloSeal+HD Fire **Re-enterable Duct Sealing System**

FiloSeal+HD FIRE provides a strong support system using the fire resistant hexagonal blocks made of our specially formulated material called 'Formite' which builds up like a honeycomb structure. FiloSeal+HD FIRE is suitable for sealing empty or any cable configuration or pipes contained in one duct and also allows easy re-entry of the seal to add or remove cables or pipes as required.

FiloSeal+HD FIRE is very easy to apply regardless of the type of cable scenario in the cable ducts as it uses strong, but flexible hexagonal blocks to support the cable and provide a strong backing for the seal. The unique design of the hexagonal blocks makes positioning and separation of the cables very simple while also providing a strong backing for the MD+ to be applied on.



- Up to 4 hours fire resistance in transit frames (single side)
- . Up to 4 hours fire resistance in ducts
- Tested to BS EN1366-3 2009
- Tested to London Underground LUL S1085
- WIMES Compliant (3.02 2013 6.4.3.2 b)
- Kits are complete with backing and mastic to fill an empty duct of the kit size
- · High levels of Gas and Water tightness
- Resistant against Water, Alkaline, Chemical agents
- Resistant to Rats and Termites
- · Resistant to Hydrogen Sulphide / Methane and many other Gases (NedLab)
- . Non corrosive, Solvent free, Shock absorbing, Non toxic and almost odourless
- Complies with ATEX regulations
- · Suitable for any shaped duct / bore hole / opening

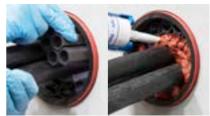
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- · Quick and easy installation
- Seals all known materials. PVC & PE sheathed cables. PILC. (HD) PE pipes
- · Suitable for renovations, can be installed retrospectively

Density: 1.2 gr/cm² Pressure: up to 2 bar Pulling Force: 100kg Flow: <2mm ISO 7390 Colour: Red-Brown

Curing Time: 3mm / 24 hours Hardness: 30 shore A - DIN 53505 Elongation: 100% - DIN53504 Tensile Strength: 0.8 N/mm² · DIN53504 Operating Temp: +5°C to 40°C Skin Over Time: +-15minutes Temperature Resistance: -40°C to 120°C





Code	Description	Max Duct Diameter mm	Max Cable Diameter in Duct	Pressure Resistance
FS+HD-110-FIRE	FS+HD FIRE 110mm	Max 110.0	Ø 80 Max	Upto 2 bar
FS+HD-160-FIRE	FS+HD FIRE 160mm	Max 160.0	Ø 130 Max	Upto 2 bar

MD+ Sealant

MD+ is an engineered fire resistant elastic one-component sealant, suitable for sealing penetrations against, gas & water & when used in conjunction with FiloSeal+HD FIRE, you can achieve a fire-resistant seal up to 4 hours. Flexible, one component, adhesive and sealing compound. Supplied as individual cartridge (310ml)





Copper Lugs

Heatshrink Repair

Cable Jointing

MICC

Jointing | COLD SHRINK SYSTEMS

CSAK RANGE ABANDONMENT KITS

Abandonment Kits

The CSAK-range is designed for use as a temporary or permanent cable abandonment on Low Voltage Cables up to and including 3.3kv. Manufactured from high quality EPDM they are designed for use with XLPE/PVC armoured, non-armoured and Lead Sheathed cables, providing environmental and mechanical protection. The CSAK-range is designed to accommodate singlecore, multicore and ship-wiring cables, and requires no specialist tooling or heat source. All Cold Applied End Caps are designed with a longer body to offer additional moisture protection.





CSAK Cold Shrink Cable Abandonment Kits are designed to be a quick and reliable method for temporary or permanent cable abandonment. The Cold Shrink tubes and end caps eliminate the need for heat or special tooling. •Rated up to & including 1.9/3.3 kV

- No heat source required
- No hot work permits required
- •Cold Shrink Tubes and End Caps have a 5-year shelf life
- •Temporary or permanent cable abandonment
- •Quick installation time

Kits Content

- Cold Shrink Cable End Cap
- Cold Shrink Tube
- Earth connection components
- •Self Amalgamating Insulation Tape •Full Installation Instructions

28	P 4	20	C	E	
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Code	Description	Application Cable Diameter
CSAK-1	Cold Shrink Cable Abandonment Kit CSAK-1	10.0 - 18.0
CSAK-2	Cold Shrink Cable Abandonment Kit CSAK-2	16.0 - 26.0
CSAK-3	Cold Shrink Cable Abandonment Kit CSAK-3	23.0 - 43.0
CSAK-4	Cold Shrink Cable Abandonment Kit CSAK-4	40.0 - 55.0
CSAK-5	Cold Shrink Cable Abandonment Kit CSAK-5	54.0 - 83.0

Quick Selection Chart - Armoured Cable

Cable
Size
mm ²

No. of Cores	1.5	2.5	4.0	6	10	16	25	35	50	70	95	120	150	185	240	300	400
1	ON APPL	ICATIC	DN						CSA	K-2			CSA	(-3			CSAK-4
2	CSAK-1				CSAK-	-2				CSA	K-3			CSAK	(-4		CSAK-4
3	CSAK-1	CSAK	-1		CSAK-	-2		CSAK-	3				CSA	(-4		CSAK-5	CSAK-5
4	CSAK-1	CSAK	-1	CSAK-2	CSAK	-2	CSAK-3	CSAK-	3			CSAK-	4	CSAK	(-5		

All dimensions in mm except where stated

Cable

Cable Ties Tooling & & Acc Cable Prep

COLD SHRINK SYSTEMS | Jointing

COLD SHRINK END CAPS



Cold End Caps Cold Shrink Cable End Caps

Cold End Caps environmentally seal and mechanically protect exposed cable ends using no tools, mastics or tapes. They are close-ended, tubular rubber sleeves that are factory expanded and loaded onto a removable core. When positioned over the end of a cable, or other cylindrical object, the core is removed to provide a reliable seal which protects your cable ends from environmental damage. They are easily installed and cleanly removable. Whether in transit from the manufacturer, stored in the cable yard, or in process in a trench, your cable ends are protected from exposure to moisture, contamination and corrosion.

Cable End Caps

- •Accommodates cables ranges from 12.0mm 80.0mm OD in four sizes
- •No torches or heat required
- No hot work permits required
- Water resistant
- •Resists acids and alkalis
- •Resists fungus ASTM G-21 28 days no growth
- Quick installation time
- Seals tight, retains resiliency and pressure even after prolonged years of ageing and exposure
- Simple and fast installation, no tools required

Ultimate Tensile Strength: 10050 KPa - ASTM D-412 Ultimate Elongation: 600% - ASTM D-412 Moisture Absorption 7 days @ 90°C in H2O: 3.0% wt. Gain Die C tear: 28.3KN/m - ASTM D-624C-73 Material: EPDM Colour: Black



Code	Description	Supplied Inner Diameter	After Recovery Inner Diameter
CS-1	Cold Shrink Cable End Cap	20.0	12.0
CS-2	Cold Shrink Cable End Cap	28.0	16.0
CS-3	Cold Shrink Cable End Cap	56.0	23.0
CS-4	Cold Shrink Cable End Cap	80.0	46.0

Earthing Lightning

Junction Boxes & Enclosures | SECTION CONTENTS

P66 Enclosure

ENCLOSURES and JUNCTION BOXES

Junction Boxes & Enclosures

Junction Boxes & Enclosures

Junction boxes and enclosures are a main stream product for Remora, offering efficient solutions to many of quandaries from our diverse range. It might just be a IP66 enclosure for jointing, a utility or handifit junction box having metric threaded entries so there is no need for drilling and tapping, or even a EExe version for those trickier applications. We are sure we have the right enclosure system for you.

> **IP66 Enclosures:** M20 and M25 Entries Fitted with flexible waterproof membrane... Just push your cable through! Each entry is also threaded to accept an M20 cable gland. Premium quality UV Proof, Shatter Proof, and Fire Resistant construction means it's suitable for indoor and outdoor installation under driving rain and harsh sunlight. Quick-release locking screws make for quick and easy installation and inspection. 100% Corrosion Proof. Supplied with mounting plate.

> **Industrial GRP**: The Utility and Handifit range of junction boxes offers up to 4 way versatility that is available from M20s – M32. If it is a Y box you are looking for then that option is under the Handifit or Posifit Box range. The Posifit Box range complies to CENELEC / ATEX Zones 1, 2, 21 & 22 EExe II. A wide range of terminal assemblies are available which will be supplied and fitted into the Posifit box.

GRP ATEX: To further compliment our enclosure range, the IP66 Polyester (GRP) ATEX product is available in 4 popular sizes which includes a pre assembled terminal block arrangement. All enclosures have machined gland entries and certified stopping plugs.

Ident & Wiring Term

Cable Cleats

Tooling & Cable Prep

Fixing & Security

70

SECTION CONTENTS | Junction Boxes & Enclosures





MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Junction Boxes & Enclosures | IP66 ENCLOSURES

IP66 WATERPROOF JUNCTION BOX

Copper Lugs

Heatshrink Repair

Cable Jointing

Boxes

Flexible Conduit

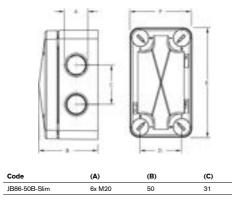
Cable Glands

Gland Accs.

IP66 Enclosures Membrane Junction Box

M20 Entry Fitted with flexible waterproof membrane... Just push your cable through! Each entry is also threaded to accept an M20 cable gland. Premium quality UV Proof, Shatter Proof, and Fire Resistant construction means it's suitable for indoor and outdoor installation under driving rain and harsh sunlight. Ouick-release locking screws make for quick and easy installation and inspection. 100% Corrosion Proof. Supplied with mounting plate.



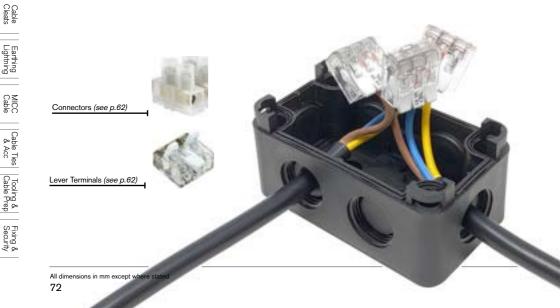


IP66 Waterproof Junction Box - Slimline

- Offers IP66 Protection
- Integrated gasket seal
- Easy installation using supplied mounting bracket
- 6x M20 membrane threaded cable entries

Protection: IP66 Temperature Range: -30°C to +100°C Glow Wire Test: 750°C Voltage: 400V Enclosure Material: PP+GF Gasket Material: TPE Standards: CE / Rohs / UV V0

22	<u></u>	ΠCE	
(D)	(E)	(F)	Pack QTY
34	86	50	5



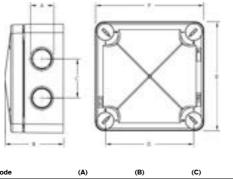
IP66 ENCLOSURES | JUNCTION BOXES & ENCLOSURES

IP66 WATERPROOF JUNCTION BOX

IP66 Enclosures Membrane Junction Box

M20 and M25 Entries Fitted with flexible waterproof membrane... Just push your cable through! Each entry is also threaded to accept an M20 cable gland. Premium quality UV Proof, Shatter Proof, and Fire Resistant construction means it's suitable for indoor and outdoor installation under driving rain and harsh sunlight. Quick-release locking screws make for quick and easy installation and inspection. 100% Corrosion Proof. Supplied with mounting plate.





IP66 Waterproof Junction Box

• Offers IP66 Protection • Integrated gasket seal • Easy installation using supplied mounting bracket • JB86-50 = 8x M20 membrane threaded cable entries • JB96-60 = 5x M20 + 1x M25 membrane threaded cable entries Protection: IP66 Temperature Range: -30°C to +100°C Glow Wire Test: 750°C Voltage: 400V Enclosure Material: PP+GF Gasket Material: PPE Standards: CE / Rohs / UV V0

Code	(A)	(B)	(C)	(D)	(E)	(F)	Pack QTY
JB86-50B	8x M20	50	31	70	86	86	5
JB96-60B	5x M20 + 1x M25	60	31	70	96	96	5

Earthing Plate for JB86-50B



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning



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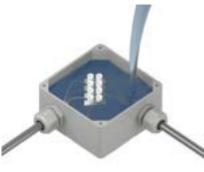
Junction Boxes & Enclosures | IP66 ENCLOSURES

POTTING COMPOUNDS

Potting Compounds

Widely used in the electrical and electronic industry where resistance to shock and vibration is essential. Potting Compound is used during the process to fill up the enclosure that houses the PCBs or Terminals with a solid or gelatinous substance. The result is total encapsulation thus offering the required mechanical protection while also prohibiting moisture and corrosive agents.





Potting Gel

Remora Potting Gel is a two component gel with very high dielectric, fast cross linking, thermal and sealing characteristics, contained in two bottles: the needed quantity of the two components is poured in the small container in the range of 1:1, then mixed with the supplied mixing spoon and poured in the particular to fill.

- It gives a degree of protection higher than IP68
- Non toxic and safe
- Fast in cross linking (<10'), without temperature increase
- It cross links also at low temperature
- Low viscosity
- Re-enterable also after long working periods
- Without shelf-life
- For installation up to 1kV
- Dielectric strength: >18 kV/mm

Standard: BS EN 62305-3 / BS EN 50164-5



Code	Description	Gel Volume	
MG300	2 Bottles Only	2x 150ml	
MG1000	2 Bottles, 1 Mixing Container, 1 Mixing Spoon	2x 500ml	
MG10000	2 Tanks, 1 Mixing Container, 1 Mixing Spoon	2x 50000ml	



PlastiForm Electrical Weatherproof Compound

Weatherproof Compound is soft enough to be readily moulded around terminals, intricate controls or pressed into cavities.

- Protects against corrosion
- Easy to apply
- Harmless to the environment
- Temperature range -20°C to 80°C
- Without shelf-life
- For installation up to 1kV
- Electrical breakdown at 20°C 18kV/ mm



de	Description	Weight (Kg)	Colour
91	Non-hardening Plastic Weatherproof Compound	0.50	Reddish Brown

Cod

R39

Heatshrink Repair

Jointing

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

IP66 ENCLOSURES JUNCTION BOXES & Enclosures

UTILITY JUNCTION BOX



Utility Box Assemblies

Utility Box Assemblies offer versatility & adaptability. The 2-way option commonly being utilised as a through box for jointing 2 Steel Wire Armoured cable via the IPlus Corrosion Guard glands. While the 3-way option also offers in addition to the 2-way, a tap off point for flex none armoured cable via the PosiFlex gland. In both options, all unused ways will retain the IP68 blanking plugs. Earth continuity is made very easy by use of the internal ring, freeing up more space for the connection terminals.

Utility Box Assemblies

- No exposed metal parts
- Dust and water proof to IP68 with CCG glands IPlus & PosiFlex Glands
- One box offers 1, 2, 3 or 4 way versatility
- . No drilling or tapping of cable entries required
- · Mounting studs provided for DIN rail terminals
- · Internal earth continuity ring to earth gland entries
- · Screw on lid provides ease of installation locked with a special key to prevent unauthorised tampering and ease of installation

Utility Box

Protection: IP66 / IP68 Temperature Range: -60°C to 110°C Material: Impact, Corrosion and UV Resistant Glass Reinforced Polyester Colour: Grey

IPlus & PosiFlex Glands

Protection: IP66 / IP68 Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) BS 2874 / EN 12164 Material (Shroud/Body): Glass Reinforced Polyester / PBT Material (Seal): Thermoset Elastomer



Utility Box 2 Way Assemblies

Through box assembly. IP66/67/68 weatherproof suitable for indoor / outdoor use, above and below ground. Designed to join two steel wire armoured cables together.

Contraction of the second		-	_
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0 0 ,			0				
Code	Entry Thread	Glands	Armoured Cable OD				
102101/A1	M20 x 1.5	2x M20s	11.5 - 16.0				
102101/A2	M20 x 1.5	2x M20	14.5 - 20.5				

Utility Box 3 Way Assemblies

Through box assembly, IP66/67/68 weatherproof suitable for indoor / outdoor use, above and below ground. Designed to join two steel wire armoured cables together with flex loop off option.

Code	Entry Thread	Glands	Armoured Cable OD	Unarmoured Cable OD
102101/A3	M20 x 1.5	2x M20s + 1x M20ss	11.5 - 16.0	3.0 - 8.0
102101/A4	M20 x 1.5	2x M20s + 1x M20s	11.5 - 16.0	7.0 - 11.5
102101/A5	M20 x 1.5	2x M20 + 1x M20	14.5 - 20.5	11.0 - 15.0





Ident & Wiring Term

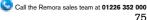
Copper Lugs

Heatshrink Repair

Cable Jointing

Cable Cleats

Earthing Lightning



Junction Boxes & Enclosures | IP68 ENCLOSURES

UTILITY JUNCTION BOX

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Jointing

Flexible Conduit

Cable Glands

Gland Accs.

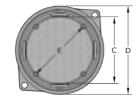
Cable Cleats

Earthing



The Utility Box is a general purpose junction box suitable for all surface industrial applications. It is manufactured from impact, corrosion and UV resistant glass reinforced polyester compound and provides 1,2,3 or 4 way versatility. Screw on lid provides ease of installation and when locked with locking key prevents unauthorised tampering.







Utility Box

- · No exposed metal parts
- Dust and water proof to IP68 when used with approved CCG glands
- One box offers 1, 2, 3 or 4 way versatility for reduced stock holding
- · No drilling or tapping of cable entries required
- · Mounting studs provided for DIN rail terminals
- · Internal earth continuity ring to earth all gland entries
- · Screw on lid provides ease of installation locked with a special key to prevent unauthorised tampering and ease of installation

Protection: IP66 / IP68

Temperature Range: -60°C to 110°C

Material: Impact, Corrosion and UV Resistant Glass Reinforced Polyester Colour: Grey



Code	Reference Size	(A)	(B)	(C)	(D)	(E)
102101	1 - M20	M20 x 1.5	62	80	120	70
102102	2 - M25	M25 x 1.5	66	108	150	97



Utility Box Locking Keys

Anti-tamper locking keys.

Code	Reference Size	Box Code
UTS1	1 - M20	102101
UTS2	2 - M25	102102



IP68 ENCLOSURES | JUNCTION BOXES & ENCLOSURES

HANDIFIT JUNCTION BOX



Handifit Box IP68 GRP 4-Way Junction Box

The Handifit Box is an industrial junction box suitable for all surface applications. Available in five different sizes to cover small lighting wiring applications to project where greater space is required. Manufactured from impact, corrosion and UV resistant glass reinforced polyester compound, and this provides 1,2,3 or 4 way versatility. Screw on lid provides ease of installation and when locked with locking key prevents unauthorised tampering.

Handifit Box

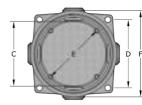
- · No exposed metal parts
- Dust and water proof to IP68 when used with approved CCG glands
- One box offers 1, 2, 3 or 4 way versatility for reduced stock holding
- No drilling or tapping of cable entries required
- Mounting studs provided for DIN rail terminals
- · Internal earth continuity ring to earth all gland entries
- Screw on lid provides ease of installation locked with a special key to prevent unauthorised tampering and ease of installation

Protection: IP66 / IP68

Temperature Range: -60°C to 110°C

Material: Impact, Corrosion and UV Resistant Glass Reinforced Polyester Colour: Grey







Code	Reference Size	(A)	(B)	(C)	(D)	(E)	(F)
0650-0	0 - M20s	M20 x 1.5	52.0	71.0	79.0	65.0	100.0
065001	1 - M20	M20 x 1.5	58.0	88.0	92.0	80.0	118.0
065002	2 - M25	M25 x 1.5	67.0	108.0	107.0	98.0	140.0
065003	3 - M32	M32 x 1.5	105.0	166.0	167.0	150.0	206.0
065004*	4 - M40	M20,M25, M32 or M40 x 1.5	139.0	263.0	240.0	246.0	298.0

065004 available with M20, M25, M32 or M40 Entries

Handifit Y Box

Through box assembly. IP66/67/68 weatherproof suitable for indoor / outdoor use, above and below ground. Ideal for industrial applications, outdoor lighting etc. Designed to join two steel wire armoured cables.

Code	Reference Size	(A)	(B)	(C)	(D)	(E)	(F)
0651-0	0 - M20s	M20 x 1.5	52.0	60.0	108.0	62.0	100.0
065101	1 - M20	M20 x 1.5	58.0	75.0	132.0	77.0	116.0
065102	2 - M25	M25 x 1.5	67.0	94.0	148.0	95.0	140.0
065103	3 - M32	M32 x 1.5	105.0	150.0	237.0	152.0	205.0

Handifit Box Locking Keys

Anti-tamper locking keys.

Code	Reference Size	Box Code	Box Code
DIPS0	0 - M20s	0650-0	0651-0
DIPS1	1 - M20	065001	065101
DIPS2	2 - M25	065002	065102
DIPS3	3 - M32	065003	065103



Cable Jointing

Junction Boxes & Enclosures | ATEX ENCLOSURES

POSIFIT ATEX JUNCTION BOX



The POSIFIT EExe 4-Way / Y Boxes are supplied for use in increased safety areas. They are manufactured from impact, corrosion and UV resistant glass reinforced polyester compound, and provides 1,2,3 or 4 way versatility. Screw on lid provides ease of installation and when locked with locking key prevents unauthorised tampering. POSIFIT range of enclosures are ATEX & IEXEx certified Ex eb I, Ex eb IIC, Ex ec IIC, EX tb IIC.





Posifit Box

- No exposed metal parts
- Dust and water proof to IP68 when used with approved CCG glands
- One box offers 1, 2, 3 or 4 way versatility for reduced stock holding
- No drilling or tapping of cable entries required
- · Mounting studs provided for DIN rail terminals
- · Internal earth continuity ring to earth gland entries
- High temperature resistance, corrosion resistance & anti-static properties
- Only approved CCG cables glands and Ex e terminals must be used
 Protection: IP66 / IP68

Ambient Temperature Range: -60°C to 55°C (Finished) Service Temperature Range: -60°C to 110°C (Unfinished) Material: Impact, Corrosion and UV Resistant Glass Reinforced Polyester Colour: Black

Equipment Protection:

ATEX/UKEX: (Finished) II M2, II 2GD / 3G Ex eb I Mb / Ex eb IIC T6 Gb / Ex tb IIIC T70°C Db ATEX/UKEX: (Unfinished) III M2, III 2GD / 3G Ex eb I Mb / Ex eb IIC Gb / Ex ec IIC Gc / Ex tb IIIC Db



Reference Size	(A)	(B)	(C)	(D)	(E)	(F)
0 - M20s	M20 x 1.5	52.0	71.0	79.0	65.0	100.0
1 - M20	M20 x 1.5	58.0	92.0	92.0	80.0	118.0
2 - M25	M25 x 1.5	67.0	108.0	107.0	98.0	140.0
3 - M32	M32 x 1.5	105.0	166.0	167.0	150.0	203.0
4 - M40	M20,M25, M32 or M40 x 1.5	139.0	225.0	240.0	246.0	298.0
	0 - M20s 1 - M20 2 - M25 3 - M32	0 · M20s M20 x 1.5 1 · M20 M20 x 1.5 2 · M25 M25 x 1.5 3 · M32 M32 x 1.5	0 - M20s M20 x 1.5 52.0 1 - M20 M20 x 1.5 58.0 2 - M25 M25 x 1.5 67.0 3 - M32 M32 x 1.5 105.0	0 - M20s M20 x 1.5 52.0 71.0 1 - M20 M20 x 1.5 58.0 92.0 2 - M25 M25 x 1.5 67.0 108.0 3 - M32 M32 x 1.5 105.0 166.0	0 - M20s M20 x 1.5 52.0 71.0 79.0 1 - M20 M20 x 1.5 58.0 92.0 92.0 2 - M25 M25 x 1.5 67.0 108.0 107.0 3 - M32 M32 x 1.5 105.0 166.0 167.0	0 - M20s M20 x 1.5 52.0 71.0 79.0 65.0 1 - M20 M20 x 1.5 58.0 92.0 92.0 80.0 2 - M25 M25 x 1.5 67.0 108.0 107.0 98.0 3 - M32 M32 x 1.5 105.0 166.0 167.0 150.0

100304 available with M20, M25, M32 or M40 Entries



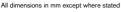
Posifit Box - Y Box

Through box assembly. IP66/67/68 weatherproof suitable for indoor / outdoor use, above and below ground. Ideal for industrial applications, outdoor lighting etc. Designed to join two steel wire armoured cables.





Code	Reference Size	(A)	(B)	(C)	(D)	(E)
1009-0	0 - M20s	M20 x 1.5	52.0	60.0	108.0	62.0
100901	1 - M20	M20 x 1.5	58.0	75.0	132.0	77.0
100902	2 - M25	M25 x 1.5	67.0	94.0	148.0	95.0
100903	3 - M32	M32 x 1.5	105.0	150.0	237.0	152.0



Cable Jointing

Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

ATEX ENCLOSURES Junction Boxes & Enclosures



PRE-ASSEMBLED POSIFIT ATEX JUNCTION BOX

Posifit Box Pre-assembled 4 Way Ex Enclosure

The same features and benefits of the POSIFIT 4 Way range supplied preassembled in three sizes and terminal configurations to meet our customers' EX requirements.

POSIFIT range of enclosures are ATEX & IEXEx certified Ex eb I, Ex eb IIC, Ex ec IIC, EX tb IIC.

Code	Reference Size	Entry Thread	Terminal	Earth Terminal
1003-0-P	0 - M20s	M20 x 1.5	6 x 2.5-4.0mm ²	1 x 4.0mm ²
100301-P	1 - M20	M20 x 1.5	6 x 2.5-4.0mm ²	2 x 4.0mm ²
100302-P	2 - M25	M25 x 1.5	8 x 2.5-4.0mm ²	1 x 4.0mm ²



1003-0-P

- 4 x M20 cable entries
- •6 x 2.5-4.0mm² terminals
- linked in pairs
- 1 x 4.0mm² earth terminal
- · Earth continuity ring 4 x blanking plugs



100301-P

- •4 x M20 cable entries
- 6 x 2.5-4.0mm² terminals
 - linked in pairs
- 2 x 4.0mm² earth terminal
- · Earth continuity ring
- 4 x blanking plugs



100302-P

•4 x M25 cable entries

- •8 x 2.5-4.0mm² terminals
- linked in pairs
- 1 x 4.0mm² earth terminal
- · Earth continuity ring
- 4 x blanking plugs



Posifit Box Locking Kevs

Anti-tamper locking keys.

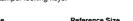
Code	Reference Size	Box Code	Box Code
DIPS0	0 - M20s	1003-0	1009-0
DIPS1	1 - M20	100301	100901
DIPS2	2 - M25	100302	100902
DIPS3	3 - M32	100303	100903

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Heatshrink Copper Ident & Repair Lugs Wing Term





Junction Boxes & Enclosures | ATEX ENCLOSURES

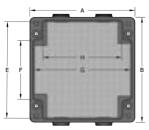
PRE-ASSEMBLED ATEX ENCLOSURE

GRP ATEX Enclosure

Pre-assemble GRP Enclosure

The Remora GRP-EX range of enclosures are available pre-assembled and are readily available from stock. The GRP-EX enclosures are ideal for uses such as lighting, power and instrument junction boxes. Each enclosure comes pre-drilled with M20 tapped cable entries and is supplied with certified blanking plugs. GRP-EX range of enclosures are Ex e, Ex ia and Ex ib requirements to EN 60079:2007.







ATEX Pre-assembled Enclosure

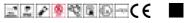
- Pre-drilled M20 tapped cable gland entries supplied with blanking plugs
- No drilling or tapping of cable entries required
- · Equipped with DIN rail mounted terminals as shown in below specification table
- · Equipped with earth continuity plate and M6 internal/external earth stud
- Dust and water proof to IP66 and IP67

Protection: IP66 / IP67

Ambient Temperature Range: -20°C to 40°C at T6 -20°C to 55°C at T5 -55°C to 65°C (available with SiliconeSeal)

Material: Carbon Loaded Glass Reinforced Polyester GRP Colour: Black

Standards: ATEX & IECEx (Zone 1 & 2 Zone 21 & 22)



Code	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
GRP807555-P	80.0	75.0	55.0	46.0	66.0	27.0	71.0	56.0
GRP12212090-P	122.0	120.0	90.0	81.5	111.0	66.0	113.0	90.0
GRP16016090-P	160.0	160.0	90.0	80.0	148.0	90.0	148.0	120.0
GRP26016090-P	260.0	160.0	90.0	80.0	148.0	90.0	90.0	220.0

Copper

Heatshrink Repair

Cable Jointing

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Fixing & Security

• 2 x M20 cable entries • 5 x 2.5mm² terminals • 1 x 4.0mm² earth terminal

- Earth continuity plate
 M6 earth stud
- vio earth stud
 2 x blanking plugs
- ✓ x bianking plugs ATEX contification 1-1-

GRP807555-P

ATEX certification label



GRP12212090-P

- 4 x M20 cable entries
- 10 x 2.5mm² terminals
- 2 x 4.0mm² earth terminal
- Earth continuity plate
- M6 earth stud
- 4 x blanking plugs
- ATEX certification label



GRP16016090-P

- •4 x M20 cable entries
- 15 x 2.5mm² terminals
- 2 x 4.0mm² earth terminal
- Earth continuity plate
- M6 earth stud
- 4 x blanking plugs
- ATEX certification label



GRP26016090-P

- 10 x M20 cable entries
- 26 x 2.5mm² terminals
- 2 x 4.0mm² earth terminal
- · Earth continuity plate
- M6 earth stud
- 10 x blanking plugs
- ATEX certification label

ATEX ENCLOSURES | Junction Boxes & Enclosures

ENCLOSURE ACCESSORIES

DIN Rails

DIN Rails are designed in accordance with the European Standard DIN EN 60715. Manufactured to a high degree of dimensional accuracy and restricted tolerances. DIN Rails are available in standard lengths of 2M with or without perforation.

Material: Galvanised Steel, Chromium Plated Colour: Silver Standards: DIN EN 60715

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Code	Туре	Width	Height	Thickne	ess Length (m)
TS32	Solid	32.0	15.0	1.5	2
TS32-1	Slotted	32.0	15.0	1.5	2
TS35	Solid	35.0	7.5	1.0	2
TS35-1	Slotted	35.0	7.5	1.0	2



Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

> Junction Boxes



Flexible Conduit Systems | SECTION CONTENTS

FI FXIBI F CONDUIT SYSTEMS

Ident & Wiring Term Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Cable Glands

Soli**Elex** Conduit

Flexible Conduit

With a wide range of metallic and non-metallic flexible conduit systems, we combine innovative design with dedicated manufacture providing essential cable protection solutions to meet the needs of the many vigorous applications in industry. All our flexible conduit products are available in many different coil lengths to best suit your application. Remora also offers accessories and fittings to compliment our conduit ranges. If it's a contractor pack that you require, that's fine too. We offer 10 meters of conduit along with 10 straight fittings and 10 locknuts to suit. Contractor packs are available in Polypropylene, Galvanised Steel and Galvanised Steel PVC Coated.

Solutions



Non-metallic Conduit: Standard weight flexible polypropylene conduit. Flexible conduit is ideal for general use where limited mechanical protection is required. The flexible body facilitates easy installation with cornering and elbow options.

Metallic Conduit: Galvanised Steel, helically wound flexible conduit with tough PVC coating. Ideal for general use where mechanical protection is required, commonly used in general factory wiring and connections to machinery.

Contractor Packs: Why not get all the basics in 1 pack? With 20, 25 and 32mm conduit in Black Polypropylene, Galvanised or Galvanised PVC covered, along with 20 and 25mm in White Polypropylene, we have it covered. Our SOLIFLEX Contractor Packs come complete with 10 meters of flexible conduit, 10 straight fixed glands and 10 lock nuts to suit.

SECTION CONTENTS | Flexible Conduit Systems



Flexible Conduit Systems | NON-METALLIC CONDUIT

POLYPROPYLENE FLEXIBLE CONDUIT

Copper Lugs

Heatshrink Repair

Polypropylene Soli

Standard weight flexible polypropylene conduit. Flexible conduit is ideal for general use where limited mechanical protection is required. The flexible body facilitates easy installation with cornering and elbow options. The polypropylene material is Halogen free with a impact resistance of 320N.

Features and Benefits

- Flexible and lightweight
- Wide temperature range
- Halogen free material
- Draw wire available
- Split version available on request

Material Standards: EN61386.1 and EN61386.22 Material: Polypropylene Compression Resistance: Class 2 = Light 320N on 5cm at 20°C Impact Resistance: Class 2 = Light 1 Joule at 5°C Temperature Range: -5°C to 90°C IP Rating: IP44

Flexible Conduit - Polypropylene

NFR Polypropylene Conduit is ideal for general use where limited mechanical protection is required. The flexible body facilitates easy installation with cornering and elbow applications.

Long lengths of conduit supplied in individual coils without fitting accessories.

Temperature Range: -40°C to 95°C Material: Polypropylene Colour: Black and White IP Rating: IP44



<u>⊇ 2 9 2 ⊂ €</u>

Code	Conduit ID	Conduit OD	Coil (m)
PP12CP/50-NFR	6.6	10.0	50
PP16CP/100-NFR	9.8	13.2	100
PP20CP/100-NFR	16.6	21.4	100
PP25CP/100-NFR	23.3	28.7	100
PP25CP/50-NFR	23.3	28.7	50
PP32CP/50-NFR	28.8	34.5	50
PP40CP/25-NFR	36.1	42.5	25
PP50CP/25-NFR	47.4	54.4	25

White available to request

Black

Cable Jointing

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

NON-METALLIC CONDUIT | Flexible Conduit Systems

Pack QTY

Conduit Size

FLEXIBLE CONDUIT ACCESSORIES

Push-Fit Straight Fitting - Polyamide

Push-Fit design

Black

Code

· Straight glands are supplied including locknuts

Available in Black and White

Temperature Range: -40°C to 105°C Material: Polyamide 6 IP Rating: IP66 Colour: Black and White



		Code	Thread Siz	e
		White		
ľ	Local Interest Local	6		

PF12		M12 x 1.5	12	10
PF16		M16 x 1.5	16	10
PF20	PF20-W	M20 x 1.5	20	10
PF25	PF25-W	M25 x 1.5	25	10
PF32		M32 x 1.5	32	10
PF40		M40 x 1.5	40	2
PF50		M50 x 1.5	50	2



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Push-Fit 90° Elbow Fitting - Polyamide

Push-Fit design

• 90° elbow fittings are supplied including locknuts Available in Black Temperature Range: -40°C to 105°C Material: Polyamide 6 IP Rating: IP66 Colour: Black



Black

Code	Thread Size	Conduit Size	Pack QTY
EF12	M12 x 1.5	12	10
EF16	M16 x 1.5	16	10
EF20	M20 x 1.5	20	10
EF25	M25 x 1.5	25	10
EF32	M32 x 1.5	32	10
EF40	M40 x 1.5	40	2
EF50	M50 x 1.5	50	2

Conduit Cutting Tools

· Conduit cutting tool, ideal for cutting conduit 6mm to 42mm





Code CCT42

Description

Conduit cutting tool 6 - 42

Cutting Capacity





Flexible Conduit Systems | NON-METALLIC CONDUIT

Pack QTY

10

Cable Jointing

Junction Boxes

Conduit

Fixing & Security

FLEXIBLE CONDUIT ACCESSORIES

Locking Conduit Clip - Polyamide

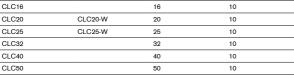
- Push-In Adaptation
- Easy Installation

 Available in Black and White Temperature Range: -40°C to 105°C

- Material: Polyamide 6
- Colour: Black and White



Black	White	
Code	Code	Conduit Size
CLC12		12
CLC16		16





P Clip Galvanised Steel

Material: Galvanised Steel / Elastomer Liner Colour: Black

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Code	Colour	Conduit Size	Pack QTY
PC12	Black	12	50
PC16	Black	16	50
PC20	Black	20	50
PC25	Black	25	50
PC32	Black	32	50
PC40	Black	40	10
PC50	Black	50	10



SoliFlex® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited

NON-METALLIC CONDUIT | Flexible Conduit Systems

CONTRACTOR PACKS



Contractor Packs

Polypropylene Flexible Conduit

Why not get all the basics in 1 pack? With 16, 20, 25 and 32mm conduit in Black Polypropylene, along with 20 and 25mm in White Polypropylene, we have it covered. Our SOLIFLEX Contractor Packs come complete with 10 meters of flexible conduit, 10 straight fixed glands and 10 lock nuts to suit.

The polypropylene material is Halogen free with a impact resistance of 320N.



Contractor Packs

- Available in four sizes and two colours
- Pack consists of 10 meter of conduit and 10 straight fittings including
- 10 locknuts
- Convenient and Versatile
- Flexible and Lightweight
- Halogen Free Material

Temperature Range: -5°C to 90°C Material: Polypropylene Colour: Black / White IP Rating: IP44



Code	Colour	Conduit Size	ID	OD	Coil (m)	
PP-CON-M16/10	Black	16	9.8	13.2	10	
PP-CON-M20/10	Black	20	16.6	21.4	10	
PP-CON-M25/10	Black	25	23.3	28.7	10	
PP-CON-M32/10	Black	32	28.8	34.5	10	



Code	Colour	Conduit Size	ID	OD	Coil (m)
PP-CON-M20/10-W	White	20	16.6	21.4	10
PP-CON-M25/10-W	White	25	23.3	28.7	10





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Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Flexible Conduit Systems | METALLIC CONDUIT

FLEXIBLE GALVANISED STEEL CONDUIT

Steel



Galvanised Steel Conduit

Galvanised Steel, helically wound conduit for extreme flexibility. Ideal for general use where mechanical protection is required, commonly used in general factory wiring and connections to machinery. Metallic conduit systems offer higher compression strength than non-metallic. The flexible body facilitates easy installation with cornering and elbow options. Metallic conduit systems have superior protection and protection from electromagnetic interference and good mechanical abrasion resistance. Crush resistance of 1250N.



Galvanised Steel

- Extreme Flexibility
- High mechanical strength
- IP rating: IP40
- Temperature range: -30°C to +300°C
- Nickel plated Heavy Duty brass fittings
- Offers high abrasion resistance

Galvanised Steel Conduit

 Square locked galvanised steel conduit, good mechanical stability with extreme flexibility. Temperature Range: -30°C to 300°C Crush Resistance: 1250N IP Rating: IP40

Material: Galvanised Steel to DIN 53210 Standards: BS EN 61386.1 / 2005

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Code	Conduit Size	Conduit ID	Conduit OD	Coil Lengths (m)
GALV-M16/50	16	13.0	16.0	50
GALV-M20/25	20	17.0	21.0	25
GALV-M20/50	20	17.0	21.0	50
GALV-M25/25	25	22.0	27.0	25
GALV-M25/50	25	22.0	27.0	50
GALV-M32/25	32	28.0	32.0	25



Cable Cleats

Earthing Lightning

METALLIC CONDUIT | Flexible Conduit Systems

FLEXIBLE GALVANISED STEEL PVC CONDUIT

Steel PVC Soli Flex Galvanised Steel - PVC Conduit

Galvanised Steel, helically wound conduit for extreme flexibility. Ideal for general use where mechanical protection is required, commonly used in general factory wiring and connections to machinery. Metallic conduit systems offer higher compression strength than non-metallic. The flexible body facilitates easy installation with cornering and elbow options. Metallic conduit systems have superior protection and protection from electromagnetic interference and good mechanical abrasion resistance. Crush resistance of 1250N.

Galvanised Steel PVC

- High mechanical strength
- Flexibility
- IP rating: IP54
- Temperature range: -20°C to +70°C
- Nickel plated Heavy Duty brass fittings
- Offers high abrasion resistance



Flexible Conduit - Galvanised Steel PVC Covered

 Square locked galvanised steel conduit with PVC cover, good mechanical stability and flexibility.

Temperature Range: -20°C to 70°C Crush Resistance: 1250N IP Rating: IP54 Material: Galvanised Steel to DIN 53210 / PVC Coating Standards: BS EN 61386.1 / 2005



Code	Conduit Size	Conduit ID	Conduit OD	Coil Length (m)
GALV-PVC-M16/50	16	13.0	17.0	50
GALV-PVC-M20/25	20	17.0	21.0	25
GALV-PVC-M20/50	20	17.0	21.0	50
GALV-PVC-M25/25	25	20.5	26.0	25
GALV-PVC-M25/50	25	20.5	26.0	50
GALV-PVC-M32/25	32	26.5	32.0	25
GALV-PVC-M40/10	40	38.0	44.0	10
GALV-PVC-M50/10	50	48.0	55.0	10
GALV-PVC-M63/10	63	57.0	64.0	10



Gland Accs.

Cable Cleats

Earthing Lightning

Heatshrink Copper Ident & Repair Lugs Wing Term

Challenge us - We find a solution

Flexible Conduit Systems | METALLIC CONDUIT

FLEXIBLE GALVANISED STEEL CONTRACTOR PACKS



Contractor Packs

Galvanised Steel Flexible Conduit

Why not get all the basics in 1 pack? With 16, 20, 25 and 32mm conduit in extreme flexibility galvanised steel and PVC coated galvanised steel. Our SoliFlex Contractor Packs come complete with 10 meters of flexible conduit, 10 straight fixed brass glands and 10 brass lock nuts to suit. It's as simple as that.



Galvanised Steel Conduit - Contractor Pack

- Extreme flexibility
- · Pack consists of 10 meters of galvanised steel conduit and 10 fixed fittings including
- 10 brass nicked plated locknuts.
- Convenient and Versatile

Junction Boxes

Cable Glands

Gland Accs.

Cable Cleats

Earthing

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security Temperature Range: -30°C to 300°C Crush Resistance: 1250N IP Rating: IP40 Material: Galvanised Steel to DIN 53210 Standards: BS EN 61386.1 / 2005

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Code	Conduit Size	Conduit ID	Conduit OD	Coil (m)	
GALV-CON-M16/10	16	13.0	16.0	10	
GALV-CON-M20/10	20	17.0	21.0	10	
GALV-CON-M25/10	25	20.5	26.0	10	
GALV-CON-M32/10	32	26.5	32.0	10	

Galvanised Steel PVC Conduit - Contractor Pack

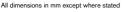
- Square locked galvanised steel conduit with PVC cover, good mechanical stability and flexibility.
- Pack consists of 10 meters of PVC coated steel conduit and 10 fixed fittings including 10 brass nicked plated locknuts.

Temperature Range: -20°C to 70°C Crush Resistance: 1250N IP Rating: IP54 Material: Galvanised Steel to DIN 53210 / PVC Coating Standards: EN 61386.1 / 2005





Code	Conduit Size	Conduit ID	Conduit OD	Coil (m)
GALV-PVC-CON-M16/10	16	13.0	17.0	10
GALV-PVC-CON-M20/10	20	17.0	21.0	10
GALV-PVC-CON-M25/10	25	20.5	26.0	10
GALV-PVC-CON-M32/10	32	26.5	32.0	10



METALLIC CONDUIT | Flexible Conduit Systems

FLEXIBLE GALVANISED STEEL CONDUIT ACCESSORIES

Fixed Gland - Nickel Plated Brass

• One-piece fixed adaptor with metric threads, fast and easy installation

Supplied complete with o-ring and locknut (M20, M25 & M32)

Temperature Range: -100°C to 300°C IP Rating: IP40

Material: Nickel Plated Brass

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Code	Size	Conduit Size	Pack QTY
FCG16	M16 x 1.5	16	10
FCG20	M20 x 1.5	20	10
FCG25	M25 x 1.5	25	10
FCG32	M32 x 1.5	32	10
FCG40	M40 x 1.5	40	5
FCG50	M50 x 1.5	50	5
FCG63	M63 x 1.5	63	2



Ident & Wiring Term

Copper Lugs

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Cable Jointing

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Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Swivel Gland - Nickel Plated Brass

 Brass nickel plated two piece conduit gland with swivel body, this allows the gland and the body to swivel independently on installation

• Supplied complete with o-ring and locknut (M20, M25 & M32)

Temperature Range: -100°C to 300°C

IP Rating: IP40 Material: Nickel

Material: Nickel Plated Brass										
25	1	-@	F	Ŕ	C	E				

Code	Size	Conduit Size	Pack QTY	
SCG16	M16 x 1.5	16	10	
SCG20	M20 x 1.5	20	10	
SCG25	M25 x 1.5	25	10	
SCG32	M32 x 1.5	32	10	
SCG40	M40 x 1.5	40	5	
SCG50	M50 x 1.5	50	5	
SCG63	M63 x 1.5	63	2	



P Clip Galvanised Steel

Material: Galvanised Steel / Elastomer Liner Colour: Black

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Code	Colour	Conduit Size	Pack QTY
PC12	Black	12	50
PC16	Black	16	50
PC20	Black	20	50
PC25	Black	25	50
PC32	Black	32	50
PC40	Black	40	10
PC50	Black	50	10



Call the Remora sales team at 01226 352 000

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Cable Glands

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Cable Glands | GRIPLOC® NYLON CABLE GLANDS

NYLON CABLE GLANDS

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GripLoc[®] Nylon

GripLoc®

GripLoc cable glands provide the highest degree of functionality and safety. Manufactured from tough Nylon material they are the last word when it comes to quality cable termination.

GripLoc Glands are available in a range of colours and configurations from Metric M12 entry threads all the way up to PG48. Standard colours are Black, Grey, Red and White. Other colours available on request.



Goloc

By Remora Electrical

GripLoc Glands®

Quality, Safety, Convenience.

 Material:
 PA66 (Nylon) UL94

 Hermetic Seal:
 NB

 O-Ring:
 EPDM

 Temp (Static):
 -40°C to 100°C (120°C Instantaneous)

 Temp (Dynamic):-20°C to 80°C (100°C Instantaneous)

For more information on these and other Remora products, please visit our website at www.remora.net

GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

GRIPLOC® NYLON CABLE GLANDS Cable Glands

INTERNATIONAL STANDARDS

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Tooling & Cable Prep

Fixing & Security

Introducing GripLoc[®] - A comprehensive range of liquid-tight cable glands for commercial and industrial use

GripLoc® is a range of high quality cable glands manufactured in nylon to meet and exceed international standards. Suitable for a wide range of applications, from light commercial use to manufacturing machinery and measurement and control equipment, you can be confident that only top quality materials and design practices have been used. Available in various configurations from Metric to PG, standard to long thread and four standard colours.



Elastomeric/Plastic GripLoc Metric



Elastomeric/Plastic GripLoc PG



Elastomeric/Plastic GripLoc **Bend Protection**



Elastomeric/Plastic GripLoc ATEX Metric



Elastomeric/Plastic

GripLoc ATEX Metric





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Challenge us - We find a solution

Cable Glands | GRIPLOC® NYLON CABLE GLANDS

GRIPLOC® NYLON CABLE GLANDS



Multi-Hole Seals

• GripLoc Multi-Hole Inserts can be used in place of the standard GripLoc seal. Multiple holes allow easy insertion and sealing of several cables into one gland while maintaining high levels of ingress protection. • GripLoc Multi-Hole seals have been specially designed to suit our GripLoc® Kits and Glands. The range covers multiple configurations from 1.5mm2 to 16mm2 twin and earth cable and 16mm2 to 25mm2 consumer unit tails right up to seal to suit M75 Glands. Consumer Unit kits are designed to fit in compact M20, M25 and M32 glands ensuring maximum compatibility with Metal Enclosure consumer units.

Friction Splines

- Glossy plastic has a low frictional coefficient. Glands with a gloss finish can be difficult to tighten fully, especially when wet or installing in hard to reach places.
- The inclusion of Friction Splines and a textured finish on the cap greatly improves the force that can be applied by hand, reducing fatigue and the potential for injury.

GripLoc Seal®

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Fixing & Security

- Superior; Ingress Protection, Mechanical Grip and Cable Retention.
- The GripLoc Seal[®] features a channel around the lip of the seal. Retention tabs built into the claw sit inside this channel, preventing the seal from being pulled out of the gland body. While improving 'pull-out' resistance this also reduces bulging of the seal which is a common problem with cheaper nylon glands.
- GripLoc Glands[®] are capable of meeting the strictest Ingress Protection requirements. The GripLoc Seal[®] interlocks with the gland body via an inner 'deluge lip'. This ensures the gland/seal interface is 100% water and dust tight, achieving an IP68 and IP69K rating exceeding 10 bar.



GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

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GRIPLOC® NYLON CABLE GLANDS | Cable Glands

FEATURES AND BENEFITS

Anti-Slip

- Nylon cable glands can suffer from warping of the cap at higher levels of torque. To address this issue an Anti-Slip base can be found on the cap and locknuts supplied with all GripLoc Glands[®].
- The Anti-Slip base in GripLoc Glands[®] provides the dual benefits of preventing spanner slip, which can cause cosmetic damage to the outside of the gland, while also increasing the torsional strength of the cap and locknut.





Ridge-and-Groove

- To prevent the ingress of dust or liquid an effective seal must be made against the enclosure or panel through which the cable passes, currently many nylon cable glands are being fitted without any sort of gasket between the gland and fitting face. To achieve the maximum ingress protection rating it is essential that a rubber O-ring is used.
- To this end, GripLoc Glands[®] feature a concentric ridge-and-groove moulded into the mating face of the body. This ensures the O-ring remains properly seated during fitting and won't distort.
 - All GripLoc Glands[®] are supplied complete with a pre-fitted EPDM O-ring.
- One less part to order and one less job to be completed on-site.

Vibration-Lock

- The Vibration-Lock system is designed to meet the requirements of high vibration environments or situations where an anti-tamper solution is required.
- A positive ratcheting feedback can be felt as the cap is tightened. Diagonal tabs on the inner dome mesh with the claw producing a non-permanent but secure locking effect.



Gland Accs.

Cable Cleats

Earthing



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 Mining Term

METRIC GRIPLOC® NYLON CABLE GLANDS

ploc®

• Cap

Body

Nitrile O-Ring

Locknut

(Included)

• GripLoc Seal®

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Tooling & Cable Prep

Fixing & Security

Nylon GripLoc Glands[®] Metric

- Standard Metric range of nylon cable glands.
- GripLoc Seal® Superior Ingress Protection, mechanical grip and cable retention.
- Supplied Complete with Locknuts.
- · Vibration-Lock Suitable for high vibration environments... Standards: EN 50262
- Protection: IP69K / IP68 10 bar (150 PSI)

Temperature Range: -40°C to 100°C (static) Material (Gland): PA (Nylon) UL 94 V2

Material (Seal): NBR Seal and EPDM O-Ring

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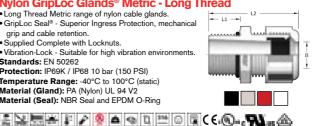


Gland Cable Range (B) Entry Thread

	Cable	Kaliye (b)	Entry Infeat		Giallu		
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F	Pack QTY
GripLoc-M12-*	3.0	6.5	M12 x 1.5	8.0	29.0	15.0	10
GripLoc-M16-*	4.0	8.0	M16 x 1.5	8.0	30.0	19.0	10
GripLoc-M20s-*	5.0	9.0	M20 x 1.5	9.0	36.0	24.0	10
GripLoc-M20-*	6.0	12.0	M20 x 1.5	9.0	36.0	24.0	10
GripLoc-M20L-*	10.0	14.0	M20 x 1.5	9.0	37.0	27.0	10
GripLoc-M25-*	13.0	18.0	M25 x 1.5	11.0	42.0	33.0	10
GripLoc-M32-*	18.0	25.0	M32 x 1.5	11.0	50.0	42.0	10
GripLoc-M40-*	22.0	32.0	M40 x 1.5	13.0	61.0	53.0	10
GripLoc-M50-*	32.0	38.0	M50 x 1.5	13.0	62.0	60.0	10
GripLoc-M63-*	37.0	44.0	M63 x 1.5	14.0	63.0	68.0	10
GripLoc-M63L-*	35.0	47.0	M63 x 1.5	15.0	68.0	70.0	10
GripLoc-M75-*	48.0	56.0	M75 x 2.0	25.0	94.0	69.0	2
GripLoc-M90-*	57.0	76.0	M90 x 2.0	25.0	87.0	110.0	2

Nvlon GripLoc Glands® Metric - Long Thread

- Long Thread Metric range of nylon cable glands.
- GripLoc Seal® Superior Ingress Protection, mechanical grip and cable retention.
- Supplied Complete with Locknuts.
- · Vibration-Lock Suitable for high vibration environments. Standards: EN 50262
- Protection: IP69K / IP68 10 bar (150 PSI) Temperature Range: -40°C to 100°C (static)
- Material (Gland): PA (Nylon) UL 94 V2
- Material (Seal): NBR Seal and EPDM O-Ring





	Cable Range (B) Entry Threa		ad Gland				
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F	Pack QTY
GripLoc-LT-M12-*	3.0	6.5	M12 x 1.5	15.0	36.0	15.0	10
GripLoc-LT-M16-*	4.0	8.0	M16 x 1.5	15.0	37.0	19.0	10
GripLoc-LT-M20s-*	5.0	9.0	M20 x 1.5	15.0	42.0	24.0	10
GripLoc-LT-M20-*	6.0	12.0	M20 x 1.5	15.0	42.0	24.0	10
GripLoc-LT-M20L-*	10.0	14.0	M20 x 1.5	15.0	43.0	27.0	10
GripLoc-LT-M25-*	13.0	18.0	M25 x 1.5	15.0	46.0	33.0	10
GripLoc-LT-M32-*	18.0	25.0	M32 x 1.5	15.0	54.0	42.0	10
GripLoc-LT-M40-*	22.0	32.0	M40 x 1.5	18.0	66.0	53.0	10
GripLoc-LT-M50-*	32.0	38.0	M50 x 1.5	18.0	67.0	60.0	10
GripLoc-LT-M63-*	37.0	44.0	M63 x 1.5	18.0	67.0	68.0	10
GripLoc-LT-M63L-*	35.0	48.0	M63 x 1.5	18.0	71.0	70.0	10

GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

GRIPLOC® NYLON CABLE GLANDS Cable Glands

PG GRIPLOC® NYLON CABLE GLANDS

GripLoc Glands[®] PG

- · Long thread PG range of nylon cable glands.
- GripLoc Seal® Superior Ingress Protection, mechanical grip and cable retention.
- Supplied Complete with Locknuts.

Ø1

- · Vibration-Lock Suitable for high vibration environments. Standards: EN 50262
- Protection: IP69K / IP68 10 bar (150 PSI)
- Temperature Range: -40°C to 100°C (static) Material (Gland): PA (Nylon) UL 94 V2
- Material (Seal): NBR Seal and EPDM O-Ring

1.1



			,				
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F	Pack QTY
GripLoc-PG7-*	3.0	6.5	PG7 x 1.27	15.0	36.0	15.0	10
GripLoc-PG9-*	4.0	8.0	PG9 x 1.41	15.0	36.0	19.0	10
GripLoc-PG11-*	5.0	10.0	PG11 x 1.41	15.0	40.0	22.0	10
GripLoc-PG13.5-*	6.0	12.0	PG13.5 x 1.41	15.0	42.0	24.0	10
GripLoc-PG16-*	10.0	14.0	PG16 x 1.41	15.0	43.0	27.0	10
GripLoc-PG21-*	13.0	18.0	PG21 x 1.59	15.0	46.0	33.0	10
GripLoc-PG29-*	18.0	25.0	PG29 x 1.59	15.0	52.0	42.0	10
GripLoc-PG36-*	22.0	32.0	PG36 x 1.59	18.0	66.0	53.0	10
GripLoc-PG42-*	32.0	38.0	PG42 x 1.59	18.0	67.0	60.0	10
GripLoc-PG48-*	37.0	44.0	PG48 x 1.59	18.0	67.0	65.0	2



Ident & Wiring Term

Gland Accs.

Cable Cleats

Packaging and Ordering

For your convenience all GripLoc Glands® and Locknuts are supplied packaged in premium boxes and cartons. In addition, sizes M16 to M25 are supplied in resealable bags of 10 pieces (complete with locknuts) which are then packaged in premium boxes and cartons.

All GripLoc Glands® are supplied complete with locknuts and available in a choice of four colours and two thread lengths.



GripLoc prefix Long Thread Gland Size Colour: B = Black

G = Grey R = Red

W = White



RAL9003

RAL3020





Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Cable Glands | GRIPLOC® NYLON CABLE GLANDS

STRAIN RELIEF CABLE GLANDS



Strain Relief GripLoc Glands® Metric

- Metric range of nylon cable glands.
- GripLoc Seal[®] Superior Ingress Protection, mechanical grip and cable retention.
- Atmospheric Membrane Seals and protects.
- Vibration-Lock Suitable for high vibration environments.
- Friction Splines and Anti-slip Ease of use and low fatigue

Standards: EN 50262 Protection: IP68 10 bar (150 PSI) Temperature Range: 40°C to 100°C (static) Material (Gland): PA (Nylon) UL 94 V2 Material (Seal): NBR Seal and EPDM O-Ring





	Cable Range (B)		Entry Thread		Gland		
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F	Pack QTY
GripLoc-SR-M12-*	2.0	5.0	M12 x 1.5	8.0	54.0	15.0	10
GripLoc-SR-M16-*	4.0	8.0	M16 x 1.5	8.0	63.0	19.0	10
GripLoc-SR-M20s-*	5.0	9.0	M20 x 1.5	9.0	90.0	24.0	10
GripLoc-SR-M20-*	6.0	12.0	M20 x 1.5	9.0	90.0	24.0	10
GripLoc-SR-M20L-*	10.0	14.0	M20 x 1.5	9.0	100.0	27.0	10
GripLoc-SR-M25-*	13.0	18.0	M25 x 1.5	11.0	114.0	33.0	5

PG Thread available on request

· Grey available on request

Tooling & Cable Prep



Cable Glands | GRIPLOC® NYLON CABLE GLANDS

METRIC GRIPLOC® NYLON ATEX IECEx CABLE GLANDS



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

> Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

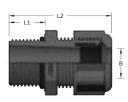
Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

Nylon ATEX IECEx Exe Glands™ Metric

• ATEX Exe Metric range of nylon cable glands. • For Hazardous Locations Standards: EN 60079-0, EN 60079-7, EN 60079-31 Device Group: II Category: 2 and 3 Atmosphere: G/D Zone: 1, 2 - 21, 22 Temperature Range: -20°C to 80°C (static) Material (Gland): PA (Nylon) UL 94 V2 Material (Seal): Silicone Protection: IP66 / IP68





Cable	Range (B)	Entry Thread		Gland		
Min	Max	Size	Length (L1)	Length (L2)	A/F	Pack QTY
3.0	6.5	M12 x 1.5	8.0	29.0	15.0	10
6.0	8.0	M16 x 1.5	8.0	30.0	19.0	10
6.0	12.0	M20 x 1.5	9.0	36.0	24.0	10
13.0	18.0	M25 x 1.5	11.0	42.0	33.0	10
18.0	25.0	M32 x 1.5	11.0	48.0	42.0	10
22.0	32.0	M40 x 1.5	13.0	61.0	53.0	5
32.0	38.0	M50 x 1.5	13.0	62.0	60.0	5
37.0	44.0	M63 x 1.5	14.0	62.0	68.0	2
	Min 3.0 6.0 13.0 18.0 22.0 32.0	3.0 6.5 6.0 8.0 6.0 12.0 13.0 18.0 25.0 22.0 32.0 38.0	Min Max Size 3.0 6.5 M12 x 1.5 6.0 8.0 M16 x 1.5 6.0 12.0 M20 x 1.5 13.0 18.0 M25 x 1.5 18.0 25.0 M32 x 1.5 22.0 32.0 M40 x 1.5 32.0 38.0 M50 x 1.5	Min Max Size Length (L1) 3.0 6.5 M12 x 1.5 8.0 6.0 8.0 M16 x 1.5 8.0 6.0 12.0 M20 x 1.5 9.0 13.0 18.0 M25 x 1.5 11.0 18.0 25.0 M32 x 1.5 11.0 22.0 32.0 M40 x 1.5 13.0 32.0 38.0 M50 x 1.5 13.0	Min Max Size Length (L) Length (L) 3.0 6.5 M12 x 1.5 8.0 29.0 6.0 8.0 M16 x 1.5 8.0 30.0 6.0 12.0 M20 x 1.5 9.0 36.0 13.0 18.0 M25 x 1.5 11.0 42.0 18.0 25.0 M32 x 1.5 13.0 61.0 32.0 38.0 M50 x 1.5 13.0 62.0	Min Max Size Length (L) Length (L) A/F 3.0 6.5 M12 x 1.5 8.0 29.0 15.0 6.0 8.0 M16 x 1.5 8.0 30.0 19.0 6.0 12.0 M20 x 1.5 9.0 36.0 24.0 13.0 18.0 M25 x 1.5 11.0 42.0 33.0 18.0 25.0 M32 x 1.5 13.0 61.0 53.0 22.0 32.0 M40 x 1.5 13.0 61.0 53.0 32.0 38.0 M50 x 1.5 13.0 62.0 60.0



	oour
	• Body
And the second second	Nitrile O-Ring
	 Locknut



GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

METRIC GRIPLOC® NYLON ATEX IECEX CABLE GLANDS





Call the Remora sales team at 01226 352 000

Cable Glands | GRIPLOC® METALLIC CABLE GLANDS

GRIPLOC® METALLIC CABLE GLANDS

GripLoc[®] Metallic

GripLoc®

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Glanc

Tooling & Cable Prep

Fixing & Security GripLoc Brass Cable Glands are available with both Metric and PG entry threads and suitable for a wide range of domestic and industrial applications, from manufacturing machinery to measurement and control instrumentation. Manufactured from tough extrusion brass and finished with a corrosion resistant electrochemical nickel plating.







By Remora Electrical

GripLoc[®] Glands

Quality, Safety, Convenience.

 Material:
 Nickel-Plated Brass

 Hermetic Seal:
 NB

 O-Ring:
 EPDM

 Temp (Static):
 -40°C to 100°C (120°C Instantaneous)

 Temp (Dynamic):-20°C to 80°C (100°C Instantaneous)

For more information on these and other Remora products, please visit our website at www.remora.net

GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

GRIPLOC® METALLIC CABLE GLANDS Cable Glands

GRIPLOC® BRASS CABLE GLANDS

Brass GripLoc[®] Glands Metric

Standard Metric range of brass cable glands.

· GripLoc Seal® - Superior Ingress Protection, mechanical grip and cable retention.

Standards: EN 50262

Protection: IP69K / IP68 10 bar (150 PSI)

Temperature Range: -40°C to 100°C (static) (120° temp)

Material (Gland): Nickel-Plated Brass

Material (Seal): NBR Seal and EPDM O-Ring





	Cable Range (B)		Entry Thread		Gland	
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F
GripLoc-BR-M12	2.0	5.0	M12 x 1.5	6.5	25.5	14.0
GripLoc-BR-M16	5.0	10.0	M16 x 1.5	6.0	27.0	19.0
GripLoc-BR-M20	6.0	12.0	M20 x 1.5	6.0	29.0	22.0
GripLoc-BR-M20L	10.0	14.0	M20 x 1.5	6.0	30.0	24.0
GripLoc-BR-M25	13.0	18.0	M25 x 1.5	7.0	32.0	30.0
GripLoc-BR-M32	18.0	25.0	M32 x 1.5	8.0	39.0	40.0
GripLoc-BR-M40	22.0	32.0	M40 x 1.5	8.0	45.0	50.0
GripLoc-BR-M50	32.0	38.0	M50 x 1.5	9.0	46.0	57.0
GripLoc-BR-M63	37.0	44.0	M63 x 1.5	10.0	48.0	68.0







Brass GripLoc® Glands Metric - Long Thread

· Long Thread range of brass cable glands. · GripLoc Seal® - Superior Ingress Protection, mechanical grip and cable retention. Standards: EN 50262 Protection: IP69K / IP68 10 bar (150 PSI) Temperature Range: -40°C to 100°C (static) (120° temp) Material (Gland): Nickel-Plated Brass Material (Seal): NBR Seal and EPDM O-Ring





Gland Cable Range (B) Entry Thread Code Min Max Length (L1) Length (L2) A/F Size GripLoc-BR-LT-M12 5.0 M12 x 1.5 10.0 29.0 14.0 2.0 GripLoc-BR-LT-M16 5.0 10.0 M16 x 1 5 10.0 31.0 19.0 GripLoc-BR-LT-M20 12.0 M20 x 1.5 10.0 33.0 22.0 6.0 GripLoc-BR-LT-M20L 10.0 14.0 M20 x 1.5 10.0 34.0 24.0 GripLoc-BR-LT-M25 18.0 M25 x 1.5 12.0 37.0 30.0 13.0 GripLoc-BR-LT-M32 18.0 25.0 M32 x 1.5 12.0 43.0 40.0 GripLoc-BR-LT-M40 22.0 32.0 M40 x 1.5 15.0 52.0 50.0 GripLoc-BR-LT-M50 32.0 38.0 M50 x 1.5 52.0 57.0 15.0 GripLoc-BR-LT-M63 37.0 44.0 M63 x 1.5 15.0 53.0 68.0





Multi-Hole Seals P.115

L Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

Cable Glands | GRIPLOC® METALLIC CABLE GLANDS

GRIPLOC® BRASS CABLE GLANDS



Locknuts Supplied Separately p.177

GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

Multi-Hole Seals p.115



Cable Glands | METALLIC CABLE GLANDS

BRASS CABLE GLANDS

Ident & Wiring Term

Copper

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security













• Body

 Locknut (Included)

Nitrile O-Ring





• Brass IP68 cable glands suitable for indoor & outdoor use. Standards: EN 50262 Protection: IP68 3-5 bar Temperature Range: -40°C to 100°C (static) (120° Instantaneous) Material (Gland): Nickel-Plated Brass

Material (Seal): NBR Seal and EPDM O-Ring





	Cable I	Range (B)	Entry Thre	ad	Gland	
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F
DOME-NP-M12	2.0	5.0	M12 x 1.5	6.5	23.5	14
DOME-NP-M16	5.0	10.0	M16 x 1.5	6.0	25.0	20 / 18
DOME-NP-M20	6.0	12.0	M20 x 1.5	8.0	29.0	22
DOME-NP-M20L	10.0	14.0	M20 x 1.5	8.0	30.0	24 / 22
DOME-NP-M25	13.0	18.0	M25 x 1.5	9.0	36.0	30 / 27
DOME-NP-M32	18.0	25.0	M32 x 1.5	10.0	41.0	40 / 35
DOME-NP-M40	22.0	30.0	M40 x 1.5	11.0	46.0	45
DOME-NP-M50	32.0	38.0	M50 x 1.5	13.0	50.0	57 / 55
DOME-NP-M63	37.0	44.0	M63 x 1.5	14.0	52.0	64 / 68

ArmaKit Dome IP68 Glands Metric - Long Thread

- Brass IP68 cable glands suitable for indoor & outdoor use.
- Long Thread range of brass cable glands.
- Standards: EN 50262
- Protection: IP68 3-5 bar

Temperature Range: -40°C to 100°C (static) (120° Instantaneous)

Material (Gland): Nickel-Plated Brass Material (Seal): NBR Seal and EPDM O-Ring



	Cable Range (B)		Entry Thread		Gland	
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F
DOME-NP-M12-L	2.0	5.0	M12 x 1.5	10.0	27.0	14
DOME-NP-M16-L	5.0	10.0	M16 x 1.5	12.0	33.0	20 / 18
DOME-NP-M20-L	6.0	12.0	M20 x 1.5	12.0	34.0	22
DOME-NP-M20L-L	10.0	14.0	M20 x 1.5	12.0	35.0	24 / 22
DOME-NP-M25-L	13.0	18.0	M25 x 1.5	12.0	39.0	30 / 27
DOME-NP-M32-L	18.0	25.0	M32 x 1.5	12.0	41.0	40 / 35
DOME-NP-M40-L	22.0	30.0	M40 x 1.5	15.0	46.0	45
DOME-NP-M50-L	32.0	38.0	M50 x 1.5	15.0	52.0	57 / 55
DOME-NP-M63-L	37.0	44.0	M63 x 1.5	18.0	56.0	64 / 68

METALLIC CABLE GLANDS | Cable Glands

BRASS CABLE GLANDS

ArmaKit Dome IP68 Glands PG

 Brass IP68 cable glands suitable for indoor & outdoor use. Standards: EN 50262 Protection: IP68 3-5 bar

Temperature Range: -40°C to 100°C (static) (120° Instantaneous)

Material (Gland): Nickel-Plated Brass Material (Seal): NBR Seal and EPDM O-Ring

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	Cable Range (B)		Entry Thread		Gland		
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F	
DOME-NP-PG7	2.0	5.0	PG7 x 1.27	6.5	23.5	14 / 15	
DOME-NP-PG9	4.0	8.0	PG9 x 1.41	8.0	27.0	17 / 18	
DOME-NP-PG11	5.0	10.0	PG11 x 1.41	8.0	29.0	20 / 21	
DOME-NP-PG13.5	6.0	12.0	PG13.5 x 1.41	8.0	30.0	22 / 23	
DOME-NP-PG16	10.0	14.0	PG16 x 1.41	8.5	31.5	24 / 25	
DOME-NP-PG21	13.0	18.0	PG21 x 1.59	9.0	36.0	30	
DOME-NP-PG29	18.0	25.0	PG29 x 1.59	10.0	41.0	40	
DOME-NP-PG36	22.0	30.0	PG36 x 1.59	11.0	46.0	50	
DOME-NP-PG42	32.0	38.0	PG42 x 1.59	13.0	50.0	57	
DOME-NP-PG48	37.0	44.0	PG48 x 1.59	14.0	52.0	64	

11 -

















Ident & Wiring Term

Cable | Heatshrink | Copper | Jointing | Repair | Lugs

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable



Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

GRIPLOC® STAINLESS STEEL CABLE GLANDS

304 Grade Stainless Steel

304 Stainless Steel 18/8 (18% chromium 8% nickel) is the most widely used of all Stainless Steel types. Due to its composition, corrosion and heat resistance and its mechanical properties, grade 304 is used in all fields of industrial, commercial and domestic manufacturing. 304 Stainless Steel shows excellent corrosion and oxidisation resistance in a range of atmospheric environments and many corrosive substances.

316 Grade Stainless Steel

Stainless steel 316 contains an addition of molybdenum that gives it improved corrosion resistance. This is particularly apparent for pitting and crevice corrosion in chloride environments.

316L, the low carbon version of Stainless steel 316, is immune to grain boundary carbide precipitation (sensitisation). This makes it suited to use in heavy gauge (over about 6mm) welded components.

	Approximate time to 1mm pitting (years)						
Environment	304 Grade	306 Grade					
Marine	135	260					
Industrial	145	525					
Rural	770	1200					

 Micro climate conditions should also be taken in to account when selecting the stainless steel product.

Shroud or No Shroud...?

For what seems like aeons, in the cable and electrical installation industry, the age-old argument for the use of a protective shroud to cover the terminated cable gland – or not, has rumbled on.

Some of the arguments for the use of a shroud could be, extra protection from foreign bodies, such as dust, dirt, or falling debris given the specific application. Protection from moisture and water, either natural, rain, sea spray, dew or condensation. All of which are perfectly plausible given that the correct size of shroud is used for the gland and that it looks like a finished job. While on the other hand the above could be used in the argument for not using a shroud at all as it could be deemed that the shroud actually arbours the collection of water and moisture which will contribute to corrosion which is exactly what we don't want in the installation. And so, may be the use of our CCG IPlus Corrosion Guard Cable gland for none hazardous area use, or CCG E1EX Corrosion Guard Cable gland for Hazardous area use. Both have a screw on Corrosion Guard Shroud manufactured from corrosion resistant non-metallic material providing total enclosure of the steel wire armour and metal parts of the gland. If the cable is non steel wire armourad then have a look at our CCG Posi Grip and Posi Braid again for use in hazardous and non hazardous applications.

Hazardous Area (see p. 140)



Steel Wire Armour E1EX CG

Industrial Area (see p. 130)



POSI GRIP

Steel/Copper Braid

POSI BRAID





110

Should you prefer not to use any form of shroud then Petro tape is also an alternative, offering a weatherproof seal, stopping the ingress of water and moisture, preventing corrosion when wrapped around the gland or joints correctly. See Page 47



Steel Wire Armour



Flexible Conduit

Cable Glands

Glanc Accs.

Cable

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

GRIPLOC® STAINLESS STEEL CABLE GLANDS

Stainless Steel GripLoc® Glands Metric

- Standard Metric range of Stainless Steel cable glands.
- GripLoc Seal® Superior Ingress Protection, mechanical grip and cable retention.
- Standards: EN 50262
- Protection: IP69K / IP68 10 bar (150 PSI)

Temperature Range: -40°C to 100°C (static) (120°

Instantaneous)

Code

GripLoc-SS-M12

GripLoc-SS-M16

GripLoc-SS-M20

GripLoc-SS-M20L

GripLoc-SS-M25

GripLoc-SS-M32

GripLoc-SS-M40

GripLoc-SS-M50

GripLoc-SS-M63

Material (Gland): 304 Stainless Steel 1

Min Max

2.0 5.0

50

6.0

10.0

13.0 18.0

18.0 25.0

22.0 32.0

32.0

Material (Seal): NBR Seal and EPDM O-Ring



10.0

12.0

14.0

38.0

44.0

Cable Range (B) Entry Thread

Size

M12 x 1.5

M16 x 1 5

M20 x 1.5

M20 x 1.5

M25 x 1.5

M32 x 1.5

M40 x 1.5

M50 x 1 5

M63 x 1.5



A/F

14.0

19.0

22.0

24.0

30.0

40.0

50.0

57.0

68.0

Gland

25.5

27.0

29.0

30.0

32.0

39.0

45.0

46.0

48.0

Length (L2)

Length (L1)

6.5

6.0

6.0

6.0

70

8.0

8.0

9.0

10.0





- 37.0 1316 Stainless Steel available to order
- . Long Thread available to order





L Call the Remora sales team at 01226 352 000

Cable Glands | EMC CABLE GLANDS

GRIPLOC® EMC CABLE GLANDS

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Glands

Glanc Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

Griploc[®] EMC

GripLoc[®] EMC

GripLoc EMC Gland are widely used in applications when shielding against interference frequencies is essential, not permitting electronic devices to disturb each other. This action was derived by the EU Directive of Electromagnetic Compatibility 93/68 EEC. The cable braiding will create the required connection path by means of either shielding spring or shield ring + cone.

GripLoc EMC®

Quality, Safety, Convenience. Brass EMC cable glands from Remora.

For more information on these and other Remora products, please visit our website at www.remora.net



Industrial *(see p.138)*



CCG Cable Glands are also tested in-line with EN 55011:2009+A1:2010 and EN55022:2010 and fully certified for use with EMC installations. Available in a full range suitable for Industrial application.

EMC CABLE GLANDS Cable Glands

GRIPLOC® EMC CABLE GLANDS

EMC GripLoc Glands® Metric

• Cable Gland featuring contact on 360° for EMC protection. • GripLoc Seal® - Superior Ingress Protection and mechanical grip Standards: EN 60423

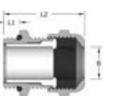
Protection: IP68

Temperature Range: -25°C to 100°C (static) (120° Instantaneous) Material (Gland): Nickel-Plated Brass Material (Seal): NBR Seal and EPDM O-Ring

2F/400G(E

	Cable	e Range (B) Entry Thread			Gland		
Code	Min	Max	Size	Length (L1)	Length (L2)	A/F	
EMC-IP68M12	4.0	6.5	M12 x 1.5	7.0	37.0	14.0	
EMC-IP68M16	5.0	8.5	M16 x 1.5	7.0	38.0	17.0	
EMC-IP68M20	8.0	12.5	M20 x 1.5	7.0	41.0	22.0	
EMC-IP68M25	13.5	18.0	M25 x 1.5	8.0	51.0	31.0	
EMC-IP68M32	17.0	24.0	M32 x 1.5	8.5	60.5	40.0	
EMC-IP68M40	24.0	30.0	M40 x 1.5	8.5	67.0	50.0	
EMC-IP68M50	22.0	35.0	M50 x 1.5	9.0	48.0	60.0	
EMC-IP68M63	35.0	48.0	M63 x 1.5	10.0	54.0	65.0	

¹ Long-Thread available to request





Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats







Brass EMC Locknuts

Brass Locknuts are recommended for use in securing brass cable glands, unions, thread converters and stopping plugs. EMC Locknuts are used whenever glanding through varnished, powder coated or anodised housings. The locknut has raised corners which break through the treated surface, grounding the cable gland. Temperature Range: -250°C to 200°C Material: Brass BS 2874 CZ121 Pb3

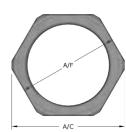
Finish: Nickel Plated



Nickel Plated Brass

Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
BLN12-EMC	M12 x 1.5	15.0	17.0	4.7	100
BLN16-EMC	M16 x 1.5	19.0	21.0	4.7	100
BLN1-EMC	M20 x 1.5	24.0	27.0	4.7	100
BLN2-EMC	M25 x 1.5	30.0	34.0	5.2	100
BLN3-EMC	M32 x 1.5	36.0	40.0	5.7	100
BLN4-EMC	M40 x 1.5	46.0	50.0	6.5	50
BLN5-EMC	M50 x 1.5	60.0	65.0	7.0	25
BLN6-EMC	M63 x 1.5	70.0	75.0	7.0	25
BLN7-EMC	M75 x 1.5	80.0	89.0	10.0	10





Call the Remora sales team at 01226 352 000

Cable Glands | GRIPLOC® MULTI-HOLE INSERTS

GRIPLOC® MULTI-HOLE INSERTS

Multi-Hole Inserts

GripLoc[®]

GripLoc Multi-Hole Inserts can be used in place of the standard GripLoc seal. Multiple holes allow easy insertion and sealing of several cables into one gland while maintaining high levels of ingress protection. Suitable for use with either Nylon or Brass GripLoc glands.





GripLoc[®] Inserts

Introducing the GripLoc range of Multi-Hole Inserts for Brass and Nylon cable glands from Remora. Zero Halogen.

Custom seal design service also available. Send us your enquiry.

Multi-Hole Insert Plugs

Code	Plug Diameter	Length
BS3	3.0	12.0
BS4	4.0	12.0
BS5	5.0	12.0
BS6	6.0	16.0
BS7	7.0	16.0
BS8	8.0	16.0



GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

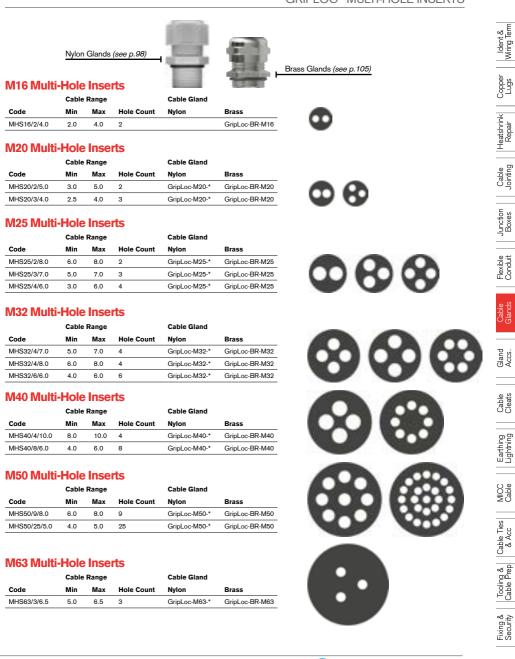
Hermetic Seal: NBR

Temp (Static): -40°C to 100°C (120°C Instantaneous) Temp (Dynamic):-20°C to 80°C (100°C Instantaneous)

For more information on these and other Remora products, please visit our website at www.remora.net

GRIPLOC® MULTI-HOLE INSERTS | Cable Glands

GRIPLOC® MULTI-HOLE INSERTS



Cable Glands | GRIPLOC® CONSUMER UNIT KITS

CONSUMER UNIT GLANDS

GripLoc® Consumer Unit Kits Multi-Hole Seals

Tail Kits and Flat Form

Remora Tail Kits provide IP68 ingress protection along with excellent cable retention and strain relief. Our unique interchangeable seals offer maximum versatility along with minimum fuss.

Remora Tail Kits, Nylon or Nickel Plated Brass have M32 threads - no need for adaptors or hole cutters during installation.



GripLoc[®] Consumer Unit Glands

Remora continues to offer a complete solution to address the regulations introduced in Amendment 3.

Special multi-hole seals have been designed to suit our GripLoc[®] Kits and are available in both Metal (Nickel Plated Brass) and Plastic (Nylon PA6). Inserts can be supplied for multiple configurations ranging from 1.5mm² to 16mm² Flat cable and 16mm² to 25mm² Tails. With high levels of ingress protection and specially designed to fit in compact M20, M25 and M32 glands ensuring maximum compatibility with new Metal Enclosure consumer units.

Enhanced Fire Safety for Consumer Units

Offering compliance with Amendment 3 to the BS 7671:2008 IET Wiring Regulations.

For more information on these and other Remora products, please visit our website at www.remora.net

- IP68 ingress protection
- Multiple inserts; 16mm²,25mm² and Flat Form
- Single entry point for incoming tails preventing eddy currents
- Blanking plug included if earth cable not required
- Zero Halogen Plastic or Metal
- Provides an insulating barrier in TT installations

Cable Jointing

Junction Flexible Boxes Conduit

Cable Cleats

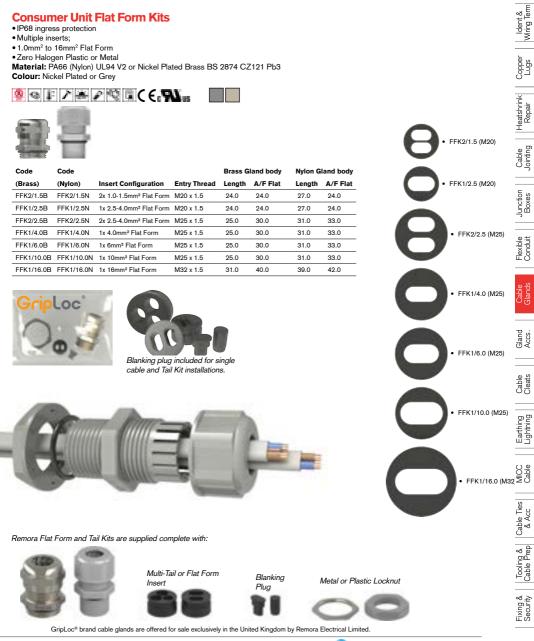
Earthing Lightning

Tooling & Cable Prep

Fixing & Security Griploc

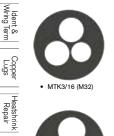
GRIPLOC® CONSUMER UNIT KITS | Cable Glands

CONSUMER UNIT FLAT FORM KITS



Cable Glands | GRIPLOC® CONSUMER UNIT KITS

CONSUMER UNIT METER TAIL KITS





MTK3/25 (M32)

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

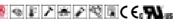
Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security **Consumer Unit Meter Tail Kits**

- IP68 ingress protection
 Multiple inserts;
- 16mm² and 25mm² Tails
- Single entry point for incoming tails preventing eddy currents
- · Blanking plug included if earth cable not required
- Zero Halogen Plastic or Metal
- Provides an insulating barrier in TT installations.

Material: PA66 (Nylon) UL94 V2 or Nickel Plated Brass BS 2874 CZ121 Pb3 Colour: Nickel Plated or Grey





Code	Code		Brass G	land body	Nylon Gland body		
(Brass)	(Nylon)	Insert Configuration	Entry Thread	Length	A/F Flat	Length	A/F Flat
MTK3/16B	MTK3/16N	2x 16mm ² + 1x 10mm ²	M32 x 1.5	31.0	40.0	39.0	42.0
MTK3/25B	MTK3/25N	2x 25mm ² + 1x 16mm ²	M32 x 1.5	31.0	40.0	39.0	42.0





Blanking plug included for single cable and Tail Kit installations.



Remora Flat Form and Tail Kits are supplied complete with:



Multi-Tail or Flat Form Insert



Metal or Plastic Locknut



GripLoc® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

GRIPLOC® CONSUMER UNIT KITS | Cable Glands



Griploc[®]Phaze

Ident & Wiring Term Copper Lugs Heatshrink Repair Cable Jointing Junction Boxes Flexible Conduit Cable Glands Gland Accs. Cable Cleats Earthing Lightning MICC Cable

> Cable Ties & Acc

> Tooling & Cable Prep

Fixing & Security

Cable Glands | ARMAKIT® CABLE GLANDS

INDUSTRIAL CABLE GLANDS

ArmaKit^{® LS}

ArmaKit^{® LS}

Ident & Wiring Term

Copper

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Glands

Gland Accs.

Cable Cleats

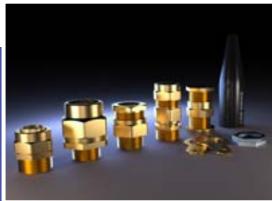
Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security ArmaKit[®] Gland Kits provide the highest degree of functionality and safety. Manufactured from tough extrusion brass and supplied with Low Smoke (LS) shrouds. The ArmaKit[®] Gland range is designed to terminate Flex, Steel Wire Armour or Braid Armoured cables with options for indoor to full IP66 outdoor weather protection.





ArmaKit Glands®

ArmaKit[®] is a range of high quality brass cable glands designed and manufactured to exceed international standards.

Material: Shroud: Temp: Brass BS 2874 CZ121 Pb3 Dip-Moulded LS PVC -20°C to 80°C

For more information on these and other Remora products, please visit our website at www.remora.net



Locknuts, Sealing and Serrated Washers

A full range of locknuts and washers are also available for use with this product range. Please see Cable Gland Accessories section from page 177.

ArmaKit® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

ARMAKIT® CABLE GLANDS Cable Glands

INTERNATIONAL STANDARDS

Introducing ArmaKit[®] - ^A premium range of Low Smoke industrial grade cable glands for industrial and commercial use.

Economy with Responsibility. Our industrial kits have been designed to provide an economical range of glands while avoiding the compromises that are typically made with 'economy' kits. ISO 9001 certification from the factory to the customer, ensures the highest manufacturing tolerances are adhered to and that all glands in the range fully conform to British and International standards (BS 6121-1:2005 / EN50262 / EN 60529). Safety and Reliability. Taking into account the Health & Safety requirements for people occupying public buildings and in public places, all Remora kits in this range are now supplied with dip-moulded PVC Low Smoke shrouds as standard. Specially formulated from low-halogen compounds, these shrouds reduce the risk of smoke

and toxic fume inhalation. On-site feedback has also shown that the increased pliability of these shrouds makes them easier to work with and install.

Suitable for a wide range of applications, from light commercial use to manufacturing machinery and measurement and control equipment, you can be confident that only top quality materials and design practices have been used.



Elastomeric/Plastic Δ2 Indoor/Outdoor



Steel Wire Armour BW Indoor

p.128

Aluminium Wire Armour

CW Ali

Indoor/Outdoor



RXT

Indoor/Outdoor



Steel Wire Armour CW Indoor/Outdoor



Heatshrink Copper Ident & Repair Lugs Wing Term

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

Cable Glands | ARMAKIT® CABLE GLANDS

INDUSTRIAL CABLE GLANDS

Ident & Wiring Term

Copper

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Glands

Gland Accs.

Cable Cleats

Gland Selection



- A2 Armakit® PGPA2xxLS
- Designed for indoor and outdoor use.
- Outer seal provides ingress protection against dust and liquid up to IP66.
- To achieve IP66 a sealing washer must be installed.

Indoor

- BW Armakit® PGPBWxxLS
- Designed for indoor use.
- Terminates via cable armour providing earth continuity and cable retention.
 No outer seal.

Indoor - Heavy Duty

- BWL Armakit® BWLK2/MxxLS
- Designed for indoor use.
- Terminates via cable armour providing earth continuity and cable retention.
- No outer seal.

Outdoor - Steel Wire Amour (SWA)

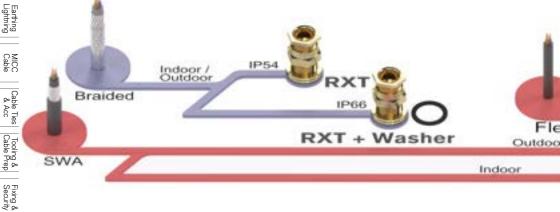
CW - Armakit® PGPCWxxLS

- Designed for indoor and outdoor use.
- Terminates via cable armour providing earth continuity and cable retention.
- Outer seal provides ingress protection against dust and liquid up to IP66.
- To achieve IP66 a sealing washer must be installed.

Outdoor - Braid Armoured

RXT - Armakit® RXTxxLS

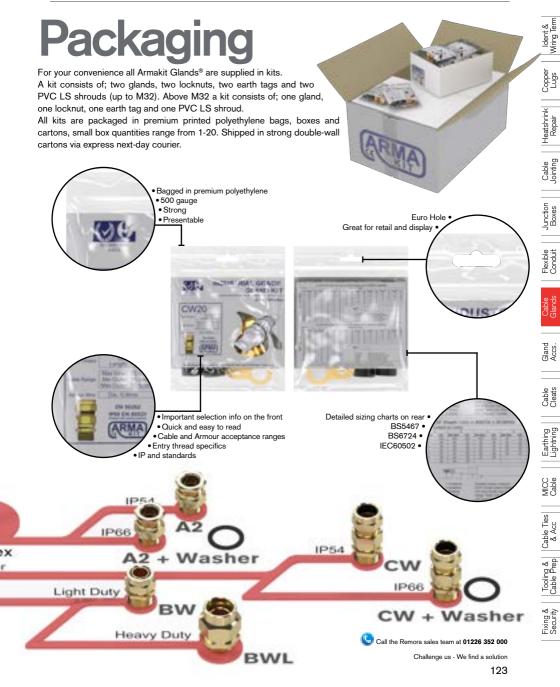
- Designed for indoor and outdoor use.
- Braid is terminated by clamping between earthing washers providing continuity.
- Outer seal provides ingress protection against dust and liquid up to IP66.
- To achieve IP66 a sealing washer must be installed.



ArmaKit® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

ARMAKIT® CABLE GLANDS | Cable Glands

PREMIUM PACKAGING



Cable Glands ARMAKIT® CABLE GLANDS

INDOOR/OUTDOOR - FLEX/UNARMOURED CABLE

A2 ArmaKit Industrial Grade Low Smoke

Flexible and Unarmoured Cable Glands

Low Smoke and Acid Fume Emission

The ArmaKit® A2 Compression Gland is designed for use with unarmoured. elastomeric and plastic cable for both indoor and outdoor applications. Seals on the cable sheath to IP66 if fitted with a sealing washer.

An integral polychloroprene environmental seal provides full protection against high power jets of liquid (IP66) and is 100% dust tight, an internal brass washer ensures the seal will not deform as the glands are torqued down.

ArmaKit® A2 Glands are suitable for use in indoor or outdoor environments where moisture or dust exposure is anticipated.



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ArmaKit[®] A2 Gland Kits

- · For indoor and outdoor use.
- Single-part handling.
- Precision manufactured from high quality extrusion brass.
- · Supplied in kits containing;
- •M16-M32 2 glands, 2 locknuts, 2 LS shrouds • M40-M75 1 gland, 1 locknut, 1 LS shroud
- EN 50262:1998 Standards: BS 6121-1:2005



IP66 (If fitted with sealing washer) Temperature Range: -20°C to 80°C

Material (Gland): Brass BS 2874 CZ121 Pb3 Material (Shroud): LS Polyvinyl-chloride



Min

3.5

3.5

8.0

38.3

44.0

50.0

56.0

62.0

67.5

M50 x 1.5

M50 x 1.5

M63 x 1.5

M63 x 1.5

M75 x 1.5

M75 x 1.5

15.0

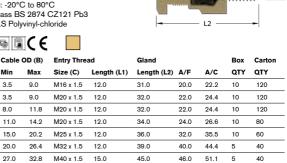
15.0

15.0

15.0

20.0

20.0



47 0

47.0

50.0

50.0

58.0

58.0

55.0

60.0

70.0 777

75.0

80.0

85.0

61.0 5 30

66.0 5 30

83.2 2 24

88.8 1 8

94.4

2 24

1

8

B

1



Code

PGPA216LS-UN

PGPA220ssLS-UN

PGPA220sLS-UN

ArmaKit® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

ARMAKIT® CABLE GLANDS Cable Glands

INDOOR - STEEL WIRE ARMOUR



ArmaKit[®] BW Gland Kits

• For indoor use.

- Two-part handling.
- · Precision manufactured from high quality extrusion brass.
- · Supplied in kits containing;
- M20s-M32 2 glands, 2 locknuts, 2 earth tags, 2 LS shrouds •M40-M75 1 gland, 1 locknut, 1 earth tag, 1 LS shroud Standards: EN 60529

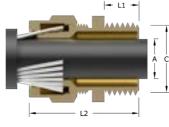
BS 6121-1:2005

Protection: IP2X Temperature Range: -70°C to 120°C Material (Gland): Brass BS 2874 CZ121 Pb3

Material (Shroud): LS Polyvinyl-chloride

Bedding Cable





	OD	OD		Entry Thre	ead	Gland			Box	Carton
Code	Max (A)	Max	Armour Dia	Size (C)	Length (L1)	Length (L2)	A/F	A/C	QTY	QTY
PGPBW20sLS	11.4	15.5	0.9	M20 x 1.5	10.0	26.0	20.5	22.7	20	120
PGPBW20LS	14.6	18.3	0.9	M20 x 1.5	10.0	26.0	23.5	26.0	10	80
PGPBW25LS	20.0	25.4	1.3	M25 x 1.5	10.0	28.0	32.0	35.5	10	60
PGPBW32LS	25.4	31.1	1.6	M32 x 1.5	10.0	30.0	38.0	42.2	5	40
PGPBW40LS	31.1	38.5	1.6	M40 x 1.5	15.0	37.0	46.0	51.0	5	40
PGPBW50sLS	37.0	45.0	2.0	M50 x 1.5	15.0	40.0	55.0	61.0	5	30
PGPBW50LS	42.4	52.0	2.0	M50 x 1.5	15.0	40.0	60.0	66.6	5	30
PGPBW63sLS	48.5	59.0	2.5	M63 x 1.5	15.0	43.0	68.0	75.5	2	24
PGPBW63LS	55.2	64.7	2.5	M63 x 1.5	15.0	43.0	74.0	82.2	2	24
PGPBW75sLS	60.0	70.0	2.5	M75 x 1.5	20.0	56.0	85.0	94.4	1	8
PGPBW75LS	67.7	78.0	2.5	M75 x 1.5	20.0	56.0	90.0	100.0	1	8

BW ArmaKit Industrial Grade Low Smoke

Steel Wire Armour Cable Glands

Low Smoke and Acid Fume Emission

The ArmaKit® BW Gland is a two-part brass cable gland designed for use with all Steel Wire Armoured PVC and LS cables. BW glands do not have an inner seal and as such provide minimal ingress protection against dust and liquid, they are only recommended for use in indoor, liquid and dust-free environments.

Cable retention and earth continuity is achieved via mechanical clamping of the cable armour against the low-resistance knurled internal cone.





2 locknuts 2 shrouds 2 earthtags M40-M75 1 gland 1 locknut 1 shroud 1 earth tag

Fixing & Security

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Ident & Wiring Term Copper Lugs Heatshrink Repair Cable Jointing Junction Boxes

Flexible Conduit Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

Cable Glands | ARMAKIT® CABLE GLANDS

HEAVY DUTY INDOOR - STEEL WIRE ARMOUR

BWL ArmaKit Industrial Grade Low Smoke

Heavy Duty Steel Wire Armour Cable Glands

Low Smoke and Acid Fume Emission

The ArmaKit® BWL Gland is a three-part brass cable gland designed for use with all Steel Wire Armoured PVC and LS cables. Heavier than the standard BW the BWL offers increased resistance to mechanical impact and has a longer body, providing greater protection to the armour wires from damage and impact. The three-part design of the BWL also prevents twisting of the armour wires during installation.

BW glands do not have an inner seal and as such provide minimal ingress protection against dust and liquid, they are only recommended for use in indoor, liquid and dust-free environments.

Cable retention and earth continuity is achieved via mechanical clamping of the cable armour.



ArmaKit[®] BW Gland Kits

- For indoor use.
- Three-part handling, increased cable safety.
- Heavy Duty, increased cable protection.
- Precision manufactured from high quality extrusion brass.
- · Supplied in kits containing;
- M20s-M32 2 glands, 2 locknuts, 2 earth tags, 2 LS shrouds

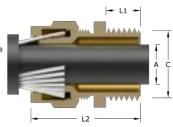


Standards: EN 60529 BS 6121-1:2005 Protection: IP2X Temperature Range: -80°C to 300°C

Material (Gland): Brass BS 2874 CZ121 Pb3 Material (Shroud): LS Polyvinyl-chloride







	OD	OD	Armo	ur Dia	Entry Thre	ead	Gland			Box	Carton
Code	Max (A)	Max	Min	Max	Size (C)	Length (L1)	Length (L2)	A/F	A/C	QTY	QTY
BWLK2/M20/M20sLS	11.8	15.8	0.9	1.25	M20 x 1.5	10.0	36.0	24.0	26.6	10	50
BWLK2/M20/M20LS	13.8	20.8	0.9	1.25	M20 x 1.5	10.0	38.0	30.0	33.3	8	50
BWLK2/M25/M25LS	19.8	27.5	1.25	1.60	M25 x 1.5	10.0	40.0	38.0	42.2	5	50
BWLK2/M32/M32LS	26.4	33.5	1.6	2.00	M32 x 1.5	10.0	43.0	46.0	51.0	5	30



- Supplied in kits; •M16-M32 2 glands 2 locknuts 2 shrouds
 - 2 shrouds 2 earthtags

Earthing Lightning

Cable

ARMAKIT® CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - STEEL WIRE ARMOUR



CW ArmaKit Industrial Grade Low Smoke

Steel Wire Armour

Low Smoke and Acid Fume Emission

L2

The ArmaKit® CW Gland is a three-part gland designed for use with all Steel Wire Armoured PVC and LS cables. The integral polychloroprene environmental seal provides full protection against high power jets of liquid and is 100% dust tight. The separate cone-and-ring design of the three-part ArmaKit® CW Gland prevents twisting of the armour wires during installation and an internal brass washer ensures the seal will not deform as the glands are torqued down.

Cable retention and earth continuity is achieved via mechanical clamping of the cable armour by the internal cone-and-ring.

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ArmaKit[®] CW Gland Kits

- For indoor or outdoor use.
- Three-part handling.
- Precision manufactured from high quality extrusion brass.
- Supplied in kits containing:
- M20ss-M32 2 glands, 2 locknuts, 2 earth tags, 2 LS shrouds •M40-M75 1 gland, 1 locknut, 1 earth tag, 1 LS shroud Standards: EN 60529

EN 50262

Protection: IP54

IP66 (If fitted with sealing washer) Temperature Range: -20°C to 70°C Material (Gland): Brass BS 2874 CZ121 Pb3 Material (Seal): Polychloroprene Material (Shroud): LS Polyvinyl-chloride



	Bedding	Cable	OD (B)		Entry Thre	ead	Gland			Box	Carton
Code	Max (A)	Min	Max	Armour Dia	Size (C)	Length (L1)	Length (L2)	A/F	A/C	QTY	QTY
PGPCW20ssLS	9.0	8.5	13.5	0.90	M20 x 1.5	10.0	46.0	21.0	23.3	10	80
PGPCW20sLS	11.8	12.8	15.5	0.90	M20 x 1.5	10.0	48.0	22.0	24.4	10	80
PGPCW20LS	13.6	15.5	19.5	0.90	M20 x 1.5	10.0	49.0	25.0	27.7	10	60
PGPCW25LS	20.0	22.0	26.5	1.25	M25 x 1.5	10.0	54.0	33.0	36.6	5	40
PGPCW32LS	26.5	26.0	33.5	1.60	M32 x 1.5	10.0	58.0	41.0	45.5	5	30
PGPCW40LS	32.1	33.0	39.5	1.60	M40 x 1.5	15.0	67.0	48.0	53.3	5	30
PGPCW50sLS	37.0	39.5	45.0	2.00	M50 x 1.5	15.0	70.0	55.0	61.0	2	24
PGPCW50LS	42.4	45.0	52.0	2.00	M50 x 1.5	15.0	70.0	60.0	66.6	2	24
PGPCW63sLS	48.5	52.0	59.0	2.50	M63 x 1.5	15.0	75.0	70.0	77.7	2	24
PGPCW63LS	55.2	59.0	66.0	2.50	M63 x 1.5	15.0	75.0	75.0	83.3	2	12
PGPCW75sLS	60.0	66.0	70.0	2.50	M75 x 1.5	20.0	86.0	85.0	94.4	1	8
PGPCW75LS	67.7	70.0	78.0	2.50	M75 x 1.5	20.0	86.0	90.0	100.0	1	8

1

B

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Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands | ARMAKIT® CABLE GLANDS

INDOOR/OUTDOOR - ALUMINIUM WIRE ARMOUR

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

CW Ali ArmaKit

Industrial Grade Low Smoke

Low Smoke and Acid Fume Emission

The ArmaKit[®] CW Ali Gland is a three-part gland designed for use with Aluminium Wire Armoured PVC and LS cables. The integral polychloroprene environmental seal provides full protection against high power jets of liquid and is 100% dust tight. The separate cone-and-ring design of the three-part ArmaKit[®] CW Ali Gland prevents twisting of the armour wires during installation and an internal aluminium washer ensures the seal will not deform as the glands are torqued down.

Cable retention and earth continuity is achieved via mechanical clamping of the cable armour by the internal cone-and-ring.







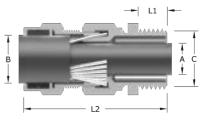
ArmaKit[®] CW Ali Gland Kits

- For indoor or outdoor use.
- Three-part handling.
- · Precision manufactured from high quality aluminium.
- Supplied in kits containing;
- M25-M32 2 glands, 2 locknuts, 2 earth tags, 2 LS shrouds
- •M40-M50 1 gland, 1 locknut, 1 earth tag, 1 LS shroud
- Standards: EN 60529
 - EN 50262

Protection: IP54 IP66 (If fitted with sealing washer)

Temperature Range: -20°C to 70°C Material (Gland): Aluminium Material (Seal): Polychloroprene Material (Shroud): LS Polyvinyl-chloride





Bedding	Cable	OD (B)		Entry Thre	ad	Gland			Box
Max (A)	Min	Max	Armour Dia	Size (C)	Length (L1)	Length (L2)	A/F	A/C	QTY
19.8	20.3	27.5	1.25	M25 x 1.5	12.0	56.0	38.0	42.2	5
26.4	26.7	33.5	1.60	M32 x 1.5	12.0	60.0	46.0	51.0	5
32.4	33.0	40.9	1.60	M40 x 1.5	17.0	69.0	55.0	61.0	5
38.0	39.4	46.3	2.00	M50 x 1.5	17.0	72.0	60.0	66.6	2
44.0	45.7	52.6	2.00	M50 x 1.5	17.0	72.0	65.0	72.1	2
	Max (A) 19.8 26.4 32.4 38.0	Max (A) Min 19.8 20.3 26.4 26.7 32.4 33.0 38.0 39.4	Max (A) Min Max 19.8 20.3 27.5 26.4 26.7 33.5 32.4 33.0 40.9 38.0 39.4 46.3	Max (A) Min Max Armour Dia 19.8 20.3 27.5 1.25 26.4 26.7 33.5 1.60 32.4 33.0 40.9 1.60 38.0 39.4 46.3 2.00	Max (A) Min Max Armour Dia Size (C) 19.8 20.3 27.5 1.25 M25 x 1.5 26.4 26.7 33.5 1.60 M32 x 1.5 32.4 33.0 40.9 1.60 M40 x 1.5 38.0 39.4 46.3 2.00 M50 x 1.5	Max (A) Min Max Armour Dia Size (C) Length (L1) 19.8 20.3 27.5 1.25 M25 x 1.5 12.0 26.4 26.7 33.5 1.60 M32 x 1.5 12.0 32.4 33.0 40.9 1.60 M40 x 1.5 17.0 38.0 39.4 46.3 2.00 M50 x 1.5 17.0	Max (A) Min Max Armour Dia Size (C) Length (L) Length (L) 19.8 20.3 27.5 1.25 M25 x 1.5 12.0 56.0 26.4 26.7 33.5 1.60 M32 x 1.5 12.0 60.0 32.4 33.0 40.9 1.60 M40 x 1.5 17.0 69.0 38.0 39.4 46.3 2.00 M50 x 1.5 17.0 72.0	Max (A) Max Armour Da Size (C) Length (L) Length (L2) A/F 19.8 20.3 27.5 1.25 M25 x 1.5 12.0 56.0 38.0 26.4 26.7 33.5 1.60 M32 x 1.5 12.0 60.0 46.0 32.4 33.0 40.9 1.60 M40 x 1.5 17.0 69.0 55.0 38.0 39.4 46.3 2.00 M50 x 1.5 17.0 72.0 60.0	Max (A) Max Armour Dia Size (C) Length (L) Length (L2) A/F A/F 19.8 20.3 27.5 1.25 M25 x 1.5 12.0 56.0 38.0 42.2 26.4 26.7 33.5 1.60 M32 x 1.5 12.0 60.0 46.0 51.0 32.4 33.0 40.9 1.60 M40 x 1.5 17.0 69.0 55.0 61.0 38.0 39.4 46.3 2.00 M50 x 1.5 17.0 72.0 60.0 66.6



ARMAKIT® CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - FLEXIBLE WIRE BRAID



RXT ArmaKit Industrial Grade Low Smoke

Flexible Wire Braid Armour

Low Smoke and Acid Fume Emission

The ArmaKit® RXT Gland is a two-part gland designed for use with all types of screened flexible wire braid, or wire braid armour cables. An integral polychloroprene environmental seal provides full protection against high power jets of liquid and is 100% dust tight, an internal brass washer ensures the seal will not deform as the glands are torgued down.

ArmaKit® RXT Glands are suitable for use in indoor or outdoor environments where moisture or dust exposure is anticipated.



ArmaKit[®] RXT Gland Kits

- For indoor use or outdoor use.
- Two-part handling.
- Precision manufactured from high quality extrusion brass.
- · Supplied in kits containing;
- M20s-M32 2 glands, 2 locknuts, 2 earth tags, 2 LS shrouds

Standards: EN 62444:2013 EN 50262

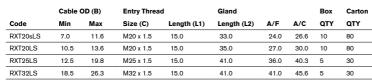
Protection: IP54

IP66 (If fitted with sealing washer) Temperature Range: -20°C to 80°C Material (Gland): Brass BS 2874 CZ121 Pb3 Material (Seal): Polychloroprene Material (Shroud): LS Polyvinyl-chloride



∎ B ¥		C
	L2	

🖛 L1 🖚







2 glands 2 locknuts 2 shrouds 2 earthtags Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Glands I INDUSTRIAL CCG® CABLE GLANDS

INDUSTRIAL CABLE GLANDS

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Glands

Glanc Accs

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

Industrial Cable Glands

CCG Industrial Glands

Remora offers a full range of premium CCG industrial cable glands to suit all applications from stuffing glands through to corrosion proof multi-seal IP68 requirements.

IEC, SABS, MASC, SGS, ABS.







Built in Safety-

Industrial Glands

CCG's policy of "building in safety" and "designing out complexity" has meant that discerning engineers world-wide have recognised CCG's products for their time and wastage saving features. The simplicity of the "Captive Cone" and the "Built-in Seals" concept means that no matter where in the world CCG products are being installed, the simplest of instructions will ensure that all the parts have been correctly fitted.



CCG® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited

INDUSTRIAL CCG® CABLE GLANDS Cable Glands

INTERNATIONAL STANDARDS

Introducing CCG Cable Glands - A premium range of cable glands for industrial and commercial use

CCG commenced production of the unique patented Captive Cone Gland in 1972 employing just ten people. Today CCG is recognised as one of the major specialised manufacturers of cable glands and junction boxes in the world employing over 140 dedicated people.

From the beginning CCG has placed emphasis on the users input to enhance design innovation. CCG's policy of "building in safety" and "designing out complexity" has meant that discerning engineers world-wide have recognised CCG's products for their time and wastage saving features. The simplicity of the "Captive Components" and "Built-in Seals" concept means that no matter where in the world CCG products are being installed, the simplest of instructions will ensure that all the parts have been correctly fitted. This concept is very important for projects in developing countries where unskilled labour is very often used.

CCG designs and manufactures all its products and is ISO 9001. ISO 14001, and ISO 45001 listed with UL USA. CCG is also quality audited by ATEX Europe, ABS USA, ITACS Australia, the IEC, and the SABS and its products are certified to Australian, Brazilian, European, South African, and IEC standards where applicable.



Flex/Unarmoured

Δ2 Indoor/Outdoor



Aluminium Wire Armour

CW Ali Indoor/Outdoor



p.138 Flexible Wire Braid CX/Z Indoor/Outdoor



p.133 Steel Wire Armour

RW

Indoor



p.136 Steel Wire Armour E1W Indoor/Outdoor



Corrosion Proof

p.137

Steel Wire Armour **IPLUS**

Indoor/Outdoor Corrosion Proof









Cable Cleats Earthing Lightning

MICC Cable

Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Cable Glands I INDUSTRIAL CCG® CABLE GLANDS

INDOOR/OUTDOOR - UNARMOURED



Flexible Conduit

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

CCG			

The A2 Compression Gland is designed for use with unarmoured, elastomeric and plastic cable for both indoor and outdoor applications. Seals on the cable sheath to IP68 if fitted with a sealing washer.

• For indoor and outdoor use.

Design Standards:

Protection:

Marine:

- Seals the cable sheath to IP66 / IP68.
- Specially formulated elastomeric seal.
- Supplied complete with IP sealing washer.

BS 6121 Part 1 EN50262 IEC/BS EN 62444 SANS 62444 SANS 1213

IP66 / IP68 (100m - Parallel) IEC 60529 ABS IEC 60529, IEC 62444 DNV IEC 60529, BS 6121, IEC 62444 Approval: BS EN 62444

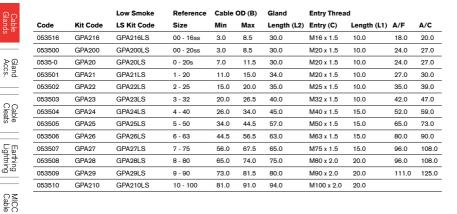
DNV

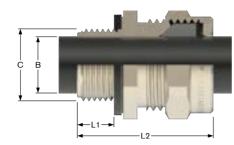
London Underground Approval:



-65°C to 120°C Brass (Nickel Plated) BS 2874 / EN 12164 Thermoset Elastomer







Kits and Accessories

Kits supplied with; 2 glands, 2 locknuts, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 PVC or LS shroud (M40-M100)



CCG® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

INDUSTRIAL CCG® CABLE GLANDS Cable Glands

INDOOR - STEEL WIRE ARMOUR

CCG BW Cable Gland

The BW gland is designed for use with Steel Wire Armoured cables where no seal is required, used in indoor applications. The gland features two piece handling, no loose parts and a freely rotation captive cone providing an armour clamp and earth bond without twisting the steel wire armour.

- For indoor use.
- Two-part handling, no loose parts.
- Freely rotating captive cone, providing an armour clamp and earth bond without twisting the armouring.

BS EN 62444

Design Standards:

BS 6121 Part 1 SANS62444

IEC/BS EN 62444 SANS1213

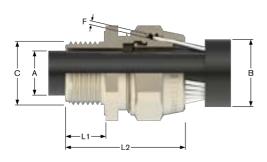
London Underground Approval:



Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) BS 2874 / EN 12164 Material (Seal): Thermoset Elastomer



		Low Smoke	Reference	Bedding OD (A)	Cable	OD (B)	Gland	Armou	ır Dia (F)	Entry Threa	ad		
Code	Kit Code	LS Kit Code	Size	Max	Min	Max	Length (L2)	Min	Max	Size (C)	Length (L1)	A/F	A/C
0503-0	GP0	GP0LS	0 - 20s	12.0	11.5	16.0	33.0	0.90	1.25	M20 x 1.5	10.0	22	25
050301	GP1	GP1LS	1 - 20	15.0	14.5	20.5	36.0	0.90	1.25	M20 x 1.5	10.0	27	30
050302	GP2	GP2LS	2 - 25	20.0	20.5	26.5	39.0	1.25	1.6	M25 x 1.5	10.0	35	39
050303	GP3	GP3LS	3 - 32	26.5	26.5	33.5	42.0	1.60	2.0	M32 x 1.5	10.0	42	47
050304	GP4	GP4LS	4 - 40	34.0	33.0	42.5	51.0	1.60	2.0	M40 x 1.5	15.0	52	59
050305	GP5	GP5LS	5 - 50	44.5	42.5	52.5	60.0	2.00	2.5	M50 x 1.5	15.0	65	73
050306	GP6	GP6LS	6 - 63	56.5	52.5	65.5	65.0	2.00	2.5	M63 x 1.5	15.0	80	90
050307	GP7	GP7LS	7 - 75	67.5	65.5	78.0	75.0	2.50	3.15	M75 x 1.5	15.0	96	108
050308	GP8	GP8LS	8 - 80	74.0	78.0	82.0	85.0	2.50	3.15	M80 x 2.0	20.0	96	108
050309	GP9	GP9LS	9 - 90	81.5	82.0	91.0	89.0	3.00	3.5	M90 x 2.0	20.0	111	125
050310	GP10	GP10LS	10 - 100	91.0	90.0	100.0	108.0	3.00	3.5	M100 x 2.0	20.0		



Kits and Accessories

Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M100)





Ident & Wiring Term Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Cable Glands I INDUSTRIAL CCG® CABLE GLANDS

INDOOR/OUTDOOR - STEEL WIRE ARMOUR





Flexible Conduit

Glands





CCG CW Cable Gland

The CW Gland is designed for use with Steel Wire Armoured cables for general indoor/outdoor use where a seal on the outer sheath is required to obtain an IP rating. The gland features two-piece handling, no loose parts & freely rotating captive cone providing an armour clamp and earth bond without twisting the armouring. Seals on the cable sheath to IP66 if fitted with a sealing washer.

- For indoor and outdoor use.
- Two-part handling, no loose parts.
- · Freely rotating captive cone, providing an armour clamp and earth bond without twisting the armouring.
- Patented disconnect armour clamp system for ease of inspection.
- · Supplied complete with IP sealing washer.

Design Standards:	BS 6121 Part 1 SANS 62444	IEC/BS EN 62444 SANS 1213
Protection: Marine:	IP66 (Parallel) IEC 60529 ABS IEC 60529, IEC 6244	14

DNV IEC 60529, BS 6121, IEC 62444

London Underground Approval: BS EN 62444

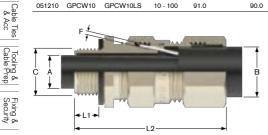




Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) BS 2874 / EN 12164 Material (Seal): Thermoset Elastomer



A⊡			Low Smoke	Reference	Bedding OD (A)	Cable	OD (B)	Gland	Armou	r Dia (F)	Thread			
Gland Accs.	Code	Kit Code	LS Kit Code	Size	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
	051216	GPCW16	GPCW16LS	00 - 16ss	8.5	8.0	13.5	51.0	0.90	0.90	M16 x 1.5	10.0	24.0	27.0
	051200	GPCW00	GPCW00LS	00 - 20ss	8.5	8.0	13.5	51.0	0.90	0.90	M20 x 1.5	10.0	24.0	27.0
Cable Cleats	0512-0	GPCW0	GPCW0LS	0 - 20s	12.0	11.5	16.0	53.0	0.90	1.25	M20 x 1.5	10.0	24.0	27.0
ole	051201	GPCW1	GPCW1LS	1 - 20	15.0	14.5	20.5	57.0	0.90	1.25	M20 x 1.5	10.0	27.0	30.0
	051202	GPCW2	GPCW2LS	2 - 25	20.0	20.5	26.5	66.0	1.25	1.60	M25 x 1.5	10.0	35.0	39.0
Eπ	051203	GPCW3	GPCW3LS	3 - 32	26.5	26.5	33.5	67.0	1.60	2.00	M32 x 1.5	10.0	42.0	47.0
Earthing Lightning	051204	GPCW4	GPCW4LS	4 - 40	34.0	33.0	42.5	83.0	1.60	2.00	M40 x 1.5	15.0	52.0	59.0
ng	051205	GPCW5	GPCW5LS	5 - 50	44.5	42.5	52.5	87.0	2.00	2.50	M50 x 1.5	15.0	65.0	73.0
	051206	GPCW6	GPCW6LS	6 - 63	56.5	52.5	65.5	104.0	2.00	2.50	M63 x 1.5	15.0	80.0	90.0
ິຮ	051207	GPCW7	GPCW7LS	7 - 75	67.5	65.5	78.0	112.0	2.50	3.15	M75 x 1.5	15.0	96.0	108.0
	051208	GPCW8	GPCW8LS	8 - 80	74.0	78.0	82.0	118.0	2.50	3.15	M80 x 2.0	20.0	96.0	108.0
	051209	GPCW9	GPCW9LS	9 - 90	81.5	82.0	91.0	143.0	3.00	3.50	M90 x 2.0	20.0		
⁰	051210	GPCW10	GPCW10LS	10 - 100	91.0	90.0	100.0	144.0	3.00	3.50	M100 x 2.0	20.0		



Kits and Accessories Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M100)



All dimensions in mm except where stated

INDUSTRIAL CCG® CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - ALUMINIUM WIRE ARMOUR

Aluminium IP66 CW Gland Kits

The CW aluminium gland is designed for Aluminium Wire Armoured cables (AWA) for general indoor/outdoor use where a seal on the outer sheath is required to obtain an IP rating. Seals on the cable sheath, to IP66 if fitted with a sealing gasket.

- For indoor and outdoor use.
- Two-part handling, no loose parts.
- . Seals on both the inner and outer sheath to IP66
- Freely rotating captive cone, providing an armour clamp and earth bond without twisting the armouring.
- Precision manufactured from high quality Aluminium.
- Supplied complete with IP sealing washer.

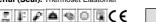
Design Standards:	BS 6121 Part 1 SANS 62444	IEC/BS EN 62444 SANS 1213				
Protection:	IP66 (Parallel) IEC 60529					
Marine:	ABS IEC 60529, IEC 62444					

DNV IEC 60529, BS 6121, IEC 62444

London Underground Approval: BS EN 62444

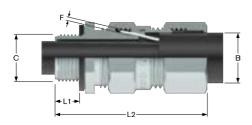


Material (Gland): Aluminium ASTM B221 Material (Seal): Thermoset Elastomer





GPCWA1 GPCWA1LS 1 · 20 14.5 20.5 60.0 0.90 1.25 M20 x 1.5 10.0 27.0 36 GPCWA2 GPCWA2LS 2 · 25 20.5 26.5 65.0 1.25 1.60 M25 x 1.5 10.0 27.0 36 GPCWA2 GPCWA2LS 2 · 25 20.5 26.5 65.0 1.25 1.60 M25 x 1.5 10.0 35.0 36 GPCWA3 GPCWA3LS 3 · 32 26.5 33.5 70.0 1.60 2.00 M32 x 1.5 10.0 42.0 47 GPCWA4 GPCWA4LS 4 · 40 33.0 42.5 76.0 1.60 2.00 M40 x 1.5 15.0 52.0 56 GPCWA5s GPCWA5s S · 50s 34.0 47.0 82.0 2.00 2.50 M50 x 1.5 15.0 65.0 73 GPCWA5 GPCWSALS 5 · 50 42.5 52.5 90.0 2.00 2.50 M50 x 1.5 15.0 65.0 73<		Low Smoke		Cable C	DD (B)	Gland	Armou	ır Dia (F)	Thread			
GPCWA2 GPCWA2LS 2 2 5 26.5 65.0 1.25 1.60 M25 x 1.5 10.0 35.0 36 GPCWA3 GPCWA3LS 3<·32 26.5 33.5 70.0 1.60 2.00 M32 x 1.5 10.0 35.0 36 GPCWA4 GPCWA4LS 4·40 33.0 42.5 76.0 1.60 2.00 M40 x 1.5 15.0 52.0 56 GPCWA5s GPCWA5s 5s · 50s 34.0 47.0 82.0 2.00 2.50 M50 x 1.5 15.0 65.0 73 GPCWA5s GPCW5ALS 5 · 50 42.5 52.5 90.0 2.00 2.50 M50 x 1.5 15.0 65.0 73	Kit Code	LS Kit Code	Size	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
GPCWA3 GPCWA3LS 3 - 32 26.5 33.5 70.0 1.60 2.00 M32 x 1.5 10.0 42.0 47 GPCWA4 GPCWA4LS 4 - 40 33.0 42.5 76.0 1.60 2.00 M32 x 1.5 10.0 42.0 47 GPCWA4 GPCWA4LS 4 - 40 33.0 42.5 76.0 1.60 2.00 M40 x 1.5 15.0 52.0 58 GPCWA5s GPCWA5s 5s - 50s 34.0 47.0 82.0 2.00 2.50 M50 x 1.5 15.0 65.0 73 GPCWA5 GPCW5ALS 5 - 50 42.5 52.5 90.0 2.00 2.50 M50 x 1.5 15.0 65.0 73	GPCWA1	GPCWA1LS	1 - 20	14.5	20.5	60.0	0.90	1.25	M20 x 1.5	10.0	27.0	30.0
GPCWA4 GPCWA4LS 4 - 40 33.0 42.5 76.0 1.60 2.00 M40 x 1.5 15.0 52.0 56 GPCWA5s GPCWA5sS GPCWA5sS 5s - 50s 34.0 47.0 82.0 2.00 2.50 M50 x 1.5 15.0 65.0 73 GPCWA5 GPCW5ALS 5 - 50 42.5 52.5 90.0 2.00 2.50 M50 x 1.5 15.0 65.0 73	GPCWA2	GPCWA2LS	2 - 25	20.5	26.5	65.0	1.25	1.60	M25 x 1.5	10.0	35.0	39.0
GPCWA5s GPCWA5sLS 5s - 50s 34.0 47.0 82.0 2.00 2.50 M50 x 1.5 15.0 65.0 73 GPCWA5 GPCW5ALS 5 - 50 42.5 52.5 90.0 2.00 2.50 M50 x 1.5 15.0 65.0 73	GPCWA3	GPCWA3LS	3 - 32	26.5	33.5	70.0	1.60	2.00	M32 x 1.5	10.0	42.0	47.0
GPCWA5 GPCW5ALS 5 - 50 42.5 52.5 90.0 2.00 2.50 M50 x 1.5 15.0 65.0 73	GPCWA4	GPCWA4LS	4 - 40	33.0	42.5	76.0	1.60	2.00	M40 x 1.5	15.0	52.0	59.0
	GPCWA5s	GPCWA5sLS	5s - 50s	34.0	47.0	82.0	2.00	2.50	M50 x 1.5	15.0	65.0	73.0
GPCW66 GPCW64LS 6-63 525 655 990 200 250 M63×15 150 800 90	GPCWA5	GPCW5ALS	5 - 50	42.5	52.5	90.0	2.00	2.50	M50 x 1.5	15.0	65.0	73.0
	GPCWA6	GPCW6ALS	6 - 63	52.5	65.5	99.0	2.00	2.50	M63 x 1.5	15.0	80.0	90.0



Kits and Accessories Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M20-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M63)

Earthtags Gland Pack



Ident & Wiring Term

Logical Strain Call the Remora sales team at 01226 352 000

Cable Glands I INDUSTRIAL CCG® CABLE GLANDS

INDOOR/OUTDOOR - STEEL WIRE ARMOUR

Flexible Conduit

Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable





CCG E1W Cable Gland

The E1W Gland is designed for Steel Wire Armoured cables for indoor and outdoor use where a seal on the inner and outer sheath is required to obtain a high level of IP protection. The gland features two-part handling, no loose parts and a freely rotating captive cone providing an armour clamp and earth bond without twisting the armouring. Seals to IP68 if fitted with a sealing washer.

- · For indoor and outdoor use.
- Two-part handling, no loose parts.
- · Freely rotating captive cone, providing an armour clamp and earth bond without twisting the armouring.
- Factory fitted captive elastomeric inner seal for Built In Safety™.
- Seals on both the inner and outer sheath to IP65 / IP66 / IP68
- Supplied complete with IP sealing washer.

Design Standards:

Protection: Marine:

BS 6121 Part 1 EN 50262 IEC/BS EN 62444 SANS 62444 SANS 1213

IP66 / IP68 (100m - Parallel) IEC 60529 ABS IEC 60529, IEC 62444 DNV IEC 60529, BS 6121, IEC 62444

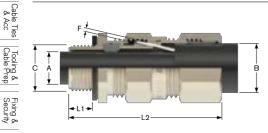
London Underground Approval: BS EN 62444



Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) BS 2874 / EN 12164 Material (Seal): Thermoset Elastomer



-			Low Smoke	Reference	Bedding	OD (A)	Cable	OD (B)	Gland	Armou	r Dia (F)	Thread			
2	Code	Kit Code	LS Kit Code	Size	Min	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
-	051816	GPE1W16	GPE1W16LS	00 - 16ss	3.0	8.5	8.0	13.5	62.0	0.90	0.90	M16 x 1.5	10.0	24.0	27.0
-	051800	GPE1W00	GPE1W00LS	00 - 20ss	3.0	8.5	8.0	13.5	62.0	0.90	0.90	M20 x 1.5	10.0	24.0	27.0
_	0518-0	GPE1W0	GPE1W0LS	0 - 20s	7.0	12.0	11.5	16.0	62.0	0.90	1.25	M20 x 1.5	10.0	24.0	27.0
-	051801	GPE1W1	GPE1W1LS	1 - 20	11.0	15.0	14.5	20.5	66.0	0.90	1.25	M20 x 1.5	10.0	27.0	30.0
-	051802	GPE1W2	GPE1W2LS	2 - 25	14.0	20.0	20.5	26.5	75.0	1.25	1.60	M25 x 1.5	10.0	35.0	39.0
_	051803	GPE1W3	GPE1W3LS	3 - 32	19.0	26.5	26.5	33.5	75.0	1.60	2.00	M32 x 1.5	10.0	42.0	47.0
1	051804	GPE1W4	GPE1W4LS	4 - 40	26.0	34.0	33.0	42.5	95.0	1.60	2.00	M40 x 1.5	15.0	52.0	59.0
	051805	GPE1W5	GPE1W5LS	5 - 50	34.0	44.5	42.5	52.5	110.0	2.00	2.50	M50 x 1.5	15.0	65.0	73.0
_	051806	GPE1W6	GPE1W6LS	6 - 63	44.0	56.5	52.5	65.5	131.0	2.00	2.50	M63 x 1.5	15.0	80.0	90.0
-	051807	GPE1W7	GPE1W7LS	7 - 75	56.0	67.5	65.5	78.0	162.0	2.50	3.15	M75 x 1.5	15.0	96.0	108.0
	051808	GPE1W8	GPE1W8LS	8 - 80	68.0	74.0	78.0	82.0	162.0	2.50	3.15	M80 x 2.0	20.0	96.0	108.0
5	051809	GPE1W9	GPE1W9LS	9 - 90	74.0	81.5	82.0	91.0	162.0	3.00	3.50	M90 x 2.0	20.0	111.0	125.0
-	051810	GPE1W10	GPE1W10LS	10 - 100	81.0	91.0	90.0	100.0	162.0	3.00	3.50	M100 x 2.0	20.0	125.0	141.0



Kits and Accessories

Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M100) Earthtags Gland Pack





INDUSTRIAL CCG® CABLE GLANDS Cable Glands

CORROSION RESISTANT INDOOR/OUTDOOR - STEEL WIRE ARMOUR

CCG IPLUS™ Corrosion Guard Cable Gland

The IPLUS Corrosion Guard Gland is designed for use in highly corrosive and wet locations. The screw on Corrosion Guard™ shroud is manufactured from corrosion resistant non-metallic material, providing total enclosure of the steel wire armour and metal parts of the gland. Suitable for use with Steel Wire Armoured cables. . For highly corrosive and wet locations

- Three-part handling, no loose parts.
- The screw-on Corrosion Guard[™] is manufactured from non-corrosive material to
- protect the armour and metal parts of the gland.
- Factory fitted captive elastomeric inner seal for Built In Safety™.
- . Seals on both the inner and outer sheath to IP66 / IP68
- Supplied complete with IP sealing washer.

Design Standards:	BS 6121 Part 1 IEC/BS EN 62444 SANS 1213	EN 50262 SANS 62444
Protection: Marine:	IP66 / IP68 (100m - Pa ABS IEC 62444	rallel) IEC 60529

DNV IEC 60529, BS 6121, IEC 62444

London Underground Approval: BS EN 62444



Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) BS 2874 / EN 12164 Material (Shroud): Glass Reinforced Polyester / PBT Material (Seal): Thermoset Elastomer

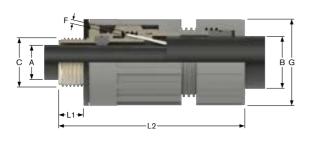






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	Low Smoke	Reference	Bedding	3 OD (A)	Cable	OD (B)	Gland	Armou	r Dia (F)	Thread					s. nd
Code	LS Kit Code	Size	Min	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	Max (G)	A/F	A/C	Gland Accs.
054600	GPBWCG00	00 - 20ss	3.0	8.5	8.0	13.5	60.0	0.90	0.90	M20 x 1.5	10.0	35.0	24.0	27.0	
0546-0	GPBWCG0	0 - 20s	7.0	12.0	11.5	16.0	60.0	0.90	1.25	M20 x 1.5	10.0	35.0	24.0	27.0	
054601	GPBWCG1	1 - 20	11.0	15.0	14.5	20.5	71.0	0.90	1.25	M20 x 1.5	10.0	36.5	27.0	30.0	Cable Cleats
054602	GPBWCG2	2 - 25	14.0	20.0	20.5	26.5	78.0	1.25	1.60	M25 x 1.5	10.0	46.0	35.0	39.0	űð
054603	GPBWCG3	3 - 32	19.0	26.5	26.5	33.5	85.0	1.60	2.00	M32 x 1.5	10.0	53.0	42.0	47.0	
054604	GPBWCG4	4 - 40	26.0	34.0	33.0	42.5	101.0	1.60	2.00	M40 x 1.5	15.0	68.0	52.0	59.0	වු ව
054605	GPBWCG5	5 - 50	34.0	44.5	42.5	52.5	117.0	2.00	2.50	M50 x 1.5	15.0	84.0	65.0	73.0	Earthing Lightning
054606	GPBWCG6	6 - 63	44.0	56.5	52.5	65.5	137.0	2.00	2.50	M63 x 1.5	15.0	110.0	80.0	90.0	щ
054607	GPBWCG7	7 - 75	56.0	67.5	65.5	78.0	150.0	2.00	3.15	M75 x 1.5	15.0	124.0	96.0	108.0	



Kits and Accessories

Kits supplied with; 2 glands, 2 locknuts, 2 earthtags (M16-M32) 1 gland, 1 locknut, 1 earthtag (M40-M75)



*Spanners also available upon request

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Cable Glands I INDUSTRIAL CCG® CABLE GLANDS

INDOOR/OUTDOOR - FLEXIBLE WIRE BRAID and TAPE



Junction Boxes

Flexible Conduit

Glands

Gland Accs.

Cable Cleats

Earthing Lightning



CCG CX/Z Cable Gland The CX/Z Gland is designed for all br

The CX/Z Gland is designed for all braided or tape armoured cable for general outdoor use where a seal on the outer sheath is required to obtain an IP rating. The gland features two-part handling with no loose parts. A freely rotating captive cone provides an armour clamp and earth bond without twisting the armouring. Seals on the cable sheath to IP66 if fitted with a sealing washer.

- For indoor and outdoor use.
- Two-part handling, no loose parts.
- Freely rotating captive cone, providing an armour clamp and earth bond without twisting the armouring.
- · Patented disconnect armour clamp system for ease of inspection.
- Supplied complete with IP sealing washer.

Design Standards:	BS 6121 Part 1 SANS 62444	IEC/BS EN 62444 SANS 1213
Protection: Marine:	IP66 (Parallel) IEC 609 ABS IEC 60529, IEC 6 DNV IEC 60529, BS 6	62444

London Underground Approval: BS EN 62444



EMC Compatible: EN 55011, + A1, EN55022 Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) BS 2874 / EN 12164 Material (Seal): Thermoset Elastome

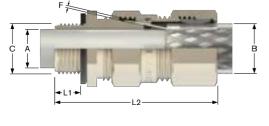


Low Smoke Reference Bedding OD (A) Cable OD (B) Gland

Armour Dia (F) Thread

Code	Kit Code	LS Kit Code	Size	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
051300	GPCX00	GPCX00LS	00 - 20ss	8.0	8.0	13.5	65.0	0.20	0.85	M20 x 1.5	10.0	24.0	27.0
0513-0	GPCX0	GPCX0LS	0 - 20s	12.0	11.5	16.0	65.0	0.20	0.85	M20 x 1.5	10.0	24.0	27.0
051301	GPCX1	GPCX1LS	1 - 20	15.5	14.5	20.5	65.0	0.20	1.25	M20 x 1.5	10.0	27.0	30.0
051302	GPCX2	GPCX2LS	2 - 25	20.0	20.5	26.5	70.0	0.20	1.25	M25 x 1.5	10.0	35.0	39.0
051303	GPCX3	GPCX3LS	3 - 32	26.5	26.5	33.5	80.0	0.20	1.40	M32 x 1.5	10.0	42.0	47.0
051304	GPCX4	GPCX4LS	4 - 40	34.5	33.0	42.5	80.0	0.30	1.40	M40 x 1.5	15.0	52.0	59.0
051305	GPCX5	GPCX5LS	5 - 50	44.5	42.5	52.5	90.0	0.40	1.40	M50 x 1.5	15.0	65.0	73.0
051306	GPCX6	GPCX6LS	6 - 63	57.0	52.5	65.5	100.0	0.40	1.50	M63 x 1.5	15.0	80.0	90.0
051307	GPCX7	GPCX7LS	7 - 75	68.0	65.5	78.0	120.0	0.40	1.50	M75 x 1.5	15.0	96.0	108
051308	GPCX8	GPCX8LS	8 - 80	74.0	77.5	82.0	145.0	2.50	1.60	M80 x 2.0	20.0	96.0	108
051309	GPCX9	GPCX9LS	9 - 90	82.0	82.0	91.0	165.0	3.00	1.60	M90 x 2.0	20.0	110.0	124

Fixing & Security



Kits and Accessories

Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M90)



INDUSTRIAL CCG® CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - UNARMOURED

CCG Posi Flex™ Cable Gland

The Posi Flex Cable Gland is designed for use with unarmoured, elastomeric and plastic cables. Manufactured from brass and encapsulated with a non-corrosive polyester outer body, offering complete protection in the most hostile of environments. Seals on cable outer sheath, to IP68 if fitted with sealing washer.

- For use in highly corrosive environments.
- Brass parts are encapsulated in a corrosion-resistant body.
- Wide sealing range.
- Complete with a fitted elastomeric seal and washer providing IP66/68 protection.
- Supplied complete with IP sealing washer.

Design Standards:	BS 6121 Part 1 IEC/BS EN 62444	EN 50262 SANS 62444 & 1213

Protection:

Marine:

Code

053800

0538-0

053801

053802

053803

053804

ABS IEC 62444

IP66 / IP68 (100m - Parallel) IEC 60529

DNV IEC 60529, BS 6121, IEC 62444

London Underground Approval: BS EN 62444



Temperature Range: -65°C to 120°C Material (Gland): Brass (Nickel Plated) Encapsulated in Nylon or DMC Material (Seal): Thermoset Elastomer

Min

3.0

7.0

11.0

15.0

20.0

26.0

Cable OD (B)

Max

8.0

11.5

15.0

20.0

26.5

34.0

Gland

43.0

43.0

47.0

50.0

60.0

72.0

Length (L2)

Thread

Entry (C)

M20 x 1.5

M20 x 1.5

M20 x 1.5

M25 x 1.5

M32 x 1.5

M40 x 1.5

10.0

10.0

15.0



Reference

00 - 20ss

0 - 20s

1 - 20

2 - 25

3 - 32

4 - 40

Size



			Cable Glands
Length (L1)	A/F	A/C	
10.0	30.0	34.0	land ccs.
10.0	30.0	34.0	Gland Accs.
10.0	34.0	38.0	

47.0

59.0

70.0

42.0

52.0

62.0

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Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

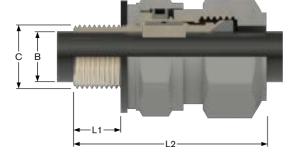
Flexible Conduit

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Call the Remora sales team at 01226 352 000

Challenge us - We find a solution



Cable Glands | HAZARDOUS AREA CCGTM CABLE GLANDS

HAZARDOUS AREA CABLE GLANDS

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

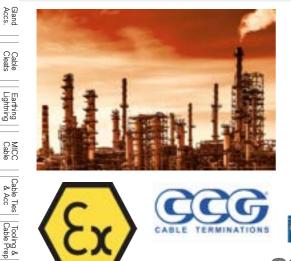
Cable Glands

Hazardous Area

Hazardous Area Glands

Remora offers a full range of CCG premium Hazardous Area Certified cable glands. Engineered to meet the demands of Hazardous Area Electrical Equipment Installations in the most inhospitable of environments.





Hazardous Area

One of the most common ways for an installation to fail its Ex certification is through a wrongly specified or badly fitted Cable Gland. CCG's policy of "building in safety" centres on the fact that they do not have any loose components such as seals, cones and cone rings, which can get lost during installation. All the components are held captive so the possibility of leaving out a component or fitting the wrong item is eliminated.



CCG® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

Fixing & Security

HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands



Flex/Unarmoured A₂F



p.146 Steel Wire Armour E1EX CG Indoor/Outdoor



Multi Armour **ARMORTEX**

Indoor/Outdoor



Unarmoured TRS **FLP-TR HT** Indoor/Outdoor



Flex/Unarmoured **Δ2EX**

Indoor/Outdoor



Flex/Unarmoured **POSI GRIP**

Indoor/Outdoor



Elastomeric/Plastic **FLP HOSE**

Indoor/Outdoor



Steel Wire Armour E1EX-VX Indoor/Outdoor



Steel Wire Armour E1EX

Indoor/Outdoor



Elastomeric/Plastic

POSI BRAID

Indoor/Outdoor



Unarmoured TRS **FLP-TR** Indoor/Outdoor



A2EX-VX Indoor/Outdoor

p.145 Multi Armour **UNITEX D** Indoor/Outdoor

Scuttlins 2G

Gland Accs.

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Cleats



MICC Cable

Cable Ties & Acc Tooling & Cable Prep

Fixing & Security

Cable Glands | HAZARDOUS AREA CCG[™] CABLE GLANDS

INDOOR/OUTDOOR - UNARMOURED

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security



CCG A2F Cable Gland

The A2F Single Compression Gland is designed for use with unarmoured, elastomeric and plastic cables in hazardous areas.

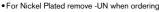
- Passes the IECEx/UKEX/ATEX 100% pull test, no additional cable clamping is required.
- For indoor, outdoor, Group I, II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.
- Fitted with a specially formulated elastomeric displacement seal, giving superior cable retention, explosion protection and IP rating.
- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated[™]).
- Supplied complete with IP sealing washer (Parallel Threads).

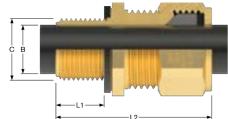
Equipment Protection Levels: IECE/INMETRO: Ex db eb I Mb, Ex db eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATE//ILEX: = II M2, = 12/3 G, Ex db eb I Mb, Ex db eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Standard:	Certification:				
IEC/BS EN	IEC/BS EN 62444	CML 14CA364				
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx TSA 23.0026				
ATEX	EN 60079 Part 0, 1, 7, 31	CML 20ATEX1026				
	EN 60079 Part 0, 15	CML 22ATEX4116				
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1013				
Deluge Protect	tion:	DTS-01				
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,					
	DNV IEC/EN 60079 Part 0, 1, 7,	15, 31				
<u> </u>						
Protection: IP66 / IP68 (100m - Parallel) IEC 60529						
Temperature Departs Chandrad COSC to 059C / Estances COSC to 1009C						

Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals

		Low Smoke	Reference	Cable	OD (B)	Gland	Thread			
Code	Kit Code	LS Kit Code	Size	Min	Max	Length (L2)	Entry (C)	Length (L1)	A/F	A/C
054116A-UN	GPA2F16-UN	GPA2F16LS-UN	00 - 16ss	3.0	8.5	40.0	M16 x 1.5	15.0	24.0	27.0
054100A-UN	GPA2F00-UN	GPA2F00LS-UN	00 - 20ss	3.0	8.5	40.0	M20 x 1.5	15.0	24.0	27.0
0541-0A-UN	GPA2F0-UN	GPA2F0LS-UN	0 - 20s	7.0	12.0	40.0	M20 x 1.5	15.0	24.0	27.0
054101A-UN	GPA2F1-UN	GPA2F1LS-UN	1 - 20	11.0	15.0	45.0	M20 x 1.5	15.0	27.0	30.0
054102A-UN	GPA2F2-UN	GPA2F2LS-UN	2 - 25	15.0	20.0	45.0	M25 x 1.5	15.0	35.0	39.0
054103A-UN	GPA2F3-UN	GPA2F3LS-UN	3 - 32	20.0	26.5	45.0	M32 x 1.5	15.0	42.0	47.0
054104A-UN	GPA2F4-UN	GPA2F4LS-UN	4 - 40	26.0	34.0	53.0	M40 x 1.5	15.0	52.0	59.0
054105A-UN	GPA2F5-UN	GPA2F5LS-UN	5 - 50	34.0	44.5	61.0	M50 x 1.5	15.0	65.0	73.0
054106A-UN	GPA2F6-UN	GPA2F6LS-UN	6 - 63	44.5	56.5	67.0	M63 x 1.5	15.0	80.0	90.0
054107A-UN	GPA2F7-UN	GPA2F7LS-UN	7 - 75	56.0	67.5	69.0	M75 x 1.5	15.0	96.0	108.0
054108A-UN	GPA2F8-UN	GPA2F8LS-UN	8 - 80	54.0	69.0	88.0	M80 x 2.0	20.0	96.0	108.0
054109A-UN	GPA2F9-UN	GPA2F9LS-UN	9 - 90	73.0	81.5	90.0	M90 x 2.0	20.0	111.0	125.0
054110A-UN	GPA2F10-UN	GPA2F10LS-UN	10 - 100	81.0	92.0	90.0	M100 x 2.0	20.0	125.0	141.0





Kits supplied with;

2 glands, 2 locknuts, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 PVC or LS shrouds (M40-M100)



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All dimensions in mm except where stated

HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands

DUAL SEAL INDOOR/OUTDOOR - UNARMOURED

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

> Cable Glands

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

CCG A2EX Cable Gland

The A2EX Double Compression Gland is designed for use with unarmoured, elastomeric and plastic cables in hazardous areas. Incorporating specially formulated dual elastomeric displacement seals giving superior cable retention and explosion protection.

• For indoor, outdoor, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.

• Inner seal, seals on the cable sheath. Harder outer seal grips the cable, giving it superior cable retention and IP rating.

- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated[™]).
- Supplied complete with IP sealing washer (Parallel Threads).

Equipment Protection Levels:

IECEx/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc ATEX/UKEX: III 12/3G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc

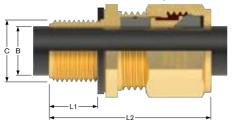
Conformance: Standard: Certification: IEC/BS EN IEC/BS EN 62444, 6121 CML 14CA364 IECEx IEC 60079 Part 0, 1, 7, 15, 31 IECEx CML 20.0011 ATEX EN 60079 Part 0, 1, 7, 31 CML 20ATEX1026 EN 60079 Part 0, 15 CML 22ATEX4116 UKEX BS EN 60079 Part 0, 1, 7, 31 CML 21UKEX1013 BS EN 60079 Part 0, 15 CML 22UKEX4117 Deluge Protection: DTS-01 Marine: ABS IEC/EN 60079 Part 0, 1, 7, 15, 31 and IEC 60529 DNV IEC/EN 60079 Part 0, 1, 7, 15, 31 **!**UK

Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals



		Low Smoke	Reference	Cable (OD (B)	Gland	Thread				
Code	Kit Code	LS Kit Code	Size	Min	Max	Length (L2)	Entry (C)	Length (L1)	A/F	A/C	
053616A-UN	GPA2EX16-UN	GPA2EX16LS-UN	00 - 16ss	3.0	8.5	40.0	M16 x 1.5	15.0	24.0	27.0	Gland Accs.
053600A-UN	GPA2EX00-UN	GPA2EX00LS-UN	00 - 20ss	3.0	8.5	40.0	M20 x 1.5	15.0	24.0	27.0	- 04
0536-0A-UN	GPA2EX0-UN	GPA2EX0LS-UN	0 - 20s	7.0	12.0	40.0	M20 x 1.5	15.0	24.0	27.0	
053601A-UN	GPA2EX1-UN	GPA2EX1LS-UN	1 - 20	11.0	15.0	45.0	M20 x 1.5	15.0	27.0	30.0	ats
053602A-UN	GPA2EX2-UN	GPA2EX2LS-UN	2 - 25	15.0	20.0	45.0	M25 x 1.5	15.0	35.0	39.0	Cable Cleats
053603A-UN	GPA2EX3-UN	GPA2EX3LS-UN	3 - 32	20.0	26.5	45.0	M32 x 1.5	15.0	42.0	47.0	
053604A-UN	GPA2EX4-UN	GPA2EX4LS-UN	4 - 40	26.0	34.0	53.0	M40 x 1.5	15.0	52.0	59.0	
053605A-UN	GPA2EX5-UN	GPA2EX5LS-UN	5 - 50	34.0	44.5	61.0	M50 x 1.5	15.0	65.0	73.0	Earthing Lightning
053606A-UN	GPA2EX6-UN	GPA2EX6LS-UN	6 - 63	44.5	56.5	67.0	M63 x 1.5	15.0	80.0	90.0	- igh
053607A-UN	GPA2EX7-UN	GPA2EX7LS-UN	7 - 75	56.0	67.5	69.0	M75 x 1.5	15.0	96.0	108.0	
053608A-UN	GPA2EX8-UN	GPA2EX8LS-UN	8 - 80	59.0	69.0	88.0	M80 x 2.0	20.0	96.0	108.0	-
053609A-UN	GPA2EX9-UN	GPA2EX9LS-UN	9 - 90	73.0	81.5	90.0	M90 x 2.0	20.0	111.0	125.0	MICC - Cable
053610A-UN	GPA2EX10-UN	GPA2EX710S-UN	10 - 100	81.0	91.0	90.0	M100 x 2.0	20.0	125.0	141.0	- 20





Kits supplied with;

2 glands, 2 locknuts, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 PVC or LS shrouds (M40-M100)



Cable Glands HAZARDOUS AREA CCGTM CABLE GLANDS

INDOOR/OUTDOOR - STEEL & ALUMINIUM WIRE ARMOUR



CCG E1EX Cable Gland

The E1EX Double Compression Gland is designed for use with steel wire and aluminium armoured cables in hazardous areas.

- For indoors, outdoors, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas. • Two-part handling, no loose parts.
- A freely rotating captive cone and inspectable cone ring provide an armour clamp and earth bond on Steel Wire and Aluminium Armour (Nickel Plated Only).
- Captive Component Gland[®] with Variable Deluge Seal[™]

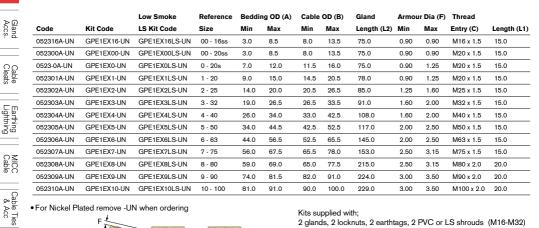
· Patented disconnect system allows for inspection of the armour clamp and inner seal after assembly.

Equipment Protection Levels:

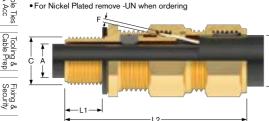
IECEx/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATEX/UKEX: II 2/3 G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc Ex ta IIIC Da

Conformance:	Standard:	Certification:			
IEC/BS EN	IEC/BS EN 62444, 6121	CML 14CA364			
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx CML 18.0018X			
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X			
	EN 60079 Part 0, 15	CML 16ATEX4002X			
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X			
	BS EN 60079 Part 0, 15	CML 21UKEX4006X			
Deluge Protect	ction:	DTS-01			
Marine:	ABS IEC/EN 60079 Part 0, 1, 7				
	DNV IEC/EN 60079 Part 0, 1, 7	, 15, 31			
Protection: IP66 / IP68 (100m - Parallel) IEC 60529					
Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C					

Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals



B



Kits supplied with:

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M100)



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Cable Glands

All dimensions in mm except where stated

HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - MULTI ARMOUR CABLE

CCG UNITEx-D™ Cable Gland

The UniTEx™-D Gland incorporates the MAC (Multi-Armour Captive Cone), providing an armour clamp and earth bond with Steel Wire, Braid and Tape armoured cables.

• For indoors, outdoors, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.

 Two-part handling, no loose part. A freely rotating captive cone and inspectable cone ring provide an armour clamp and earth bond on steel wire, aluminium, braid, and tape armour.

Patented disconnect system allows for inspection of the armour clamp and inner seal after assembly.

Captive Component Gland® with Variable Deluge Seal[™]

Equipment Protection Levels:

IECEx/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc ATEX/UKEX: 📓 II 2/3 G 1D, Ex db IIC Gb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444, 6121	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx CML 18.0018X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protec	tion:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31
	DNV IEC/EN 60079 Part 0, 1, 7,	15, 31



Protection: IP66 / IP68 (100m - Parallel) IEC 60529 Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C Material (Gland): Brass / Marine Grade Electroless Nickel Plated[™] Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

> Cable Glands

Gland Accs.

Cable Cleats

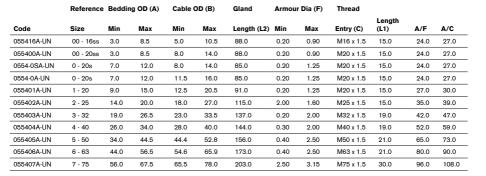
Earthing Lightning

MICC

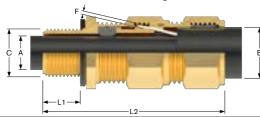
Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security



• For Nickel Plated remove -UN when ordering



Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, 2 PVC or LS shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 PVC or LS shrouds (M40-M100)



Cable Glands | HAZARDOUS AREA CCG[™] CABLE GLANDS

CORROSION RESISTANT INDOOR/OUTDOOR - STEEL WIRE ARMOUR

CCG E1EX CORROSION GUARD™ Cable Gland

The E1EX CORROSION GUARD™ Gland is designed for use in highly corrosive and wet locations. The screw on Corrosion Guard™ shroud is manufactured from corrosion resistant non-metallic material, providing total enclosure of the steel wire armour and metal parts of the gland.

. For highly corrosive, wet locations, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas. Factory fitted captive elastomeric inner seal for Built In Safety™.

• Two-part handling, freely rotating captive cone and inspectable cone ring provides an armour clamp and earth bond on steel wire and aluminium armour.

· Corrosion Guard® screws onto the gland body and seals over the outer sheath of the cable giving an IP68 and deluge proof seal protecting the armour and metal parts of the gland Aluminium Wire Armour with Nickel Plated Only.

Equipment Protection Levels:

IECEX/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATEX/UKEX: II 2/3G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc

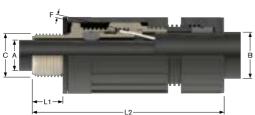
Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx CML 18.0018X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protect	tion:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7,	15, 31and IEC 60529
Protection:	IP66 / IP68 (100m - Paralle	I) IEC 60529
Tomporatur	Danger Standard 60°C to	05°C / Eutroma 60°C to 100°C

Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 120°C Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Shroud): Glass Reinforced Polyester / PBT

Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals



	Low Smoke	Reference	Beddi	ng OD (A)	Cable	OD (B)	Gland	Armou	r Dia (F)	Thread			
Code	LS Kit Code	Size	Min	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
054716A	GPEXCOR16	00 - 16ss	3.0	8.5	8.0	13.5	61.0	0.20	0.90	M16 x 1.5	15.0	24.0	27.0
054700A	GPEXCOR00	00 - 20ss	3.0	8.5	8.0	13.5	61.0	0.20	0.90	M20 x 1.5	15.0	24.0	27.0
0547-0A	GPEXCOR0	0 - 20s	7.0	12.0	11.5	16.0	61.0	0.20	1.25	M20 x 1.5	15.0	24.0	27.0
054701A	GPEXCOR1	1 - 20	9.0	15.0	14.5	20.5	66.0	0.20	1.25	M20 x 1.5	15.0	27.0	30.0
054702A	GPEXCOR2	2 - 25	14.0	20.0	20.5	26.5	73.0	0.20	1.60	M25 x 1.5	15.0	35.0	39.0
054703A	GPEXCOR3	3 - 32	19.0	26.5	26.5	33.5	82.0	0.20	2.00	M32 x 1.5	15.0	42.0	47.0
054704A	GPEXCOR4	4 - 40	26.0	34.0	33.0	42.5	89.0	0.30	2.00	M40 x 1.5	15.0	52.0	59.0
054705A	GPEXCOR5	5 - 50	34.0	44.5	42.5	52.5	104.0	0.40	2.50	M50 x 1.5	15.0	65.0	73.0
054706A	GPEXCOR6	6 - 63	44.0	56.5	52.5	65.5	117.0	0.40	2.50	M63 x 1.5	15.0	80.0	90.0
054707A	GPEXCOR7	7 - 75	56.0	67.5	65.5	78.0	121.0	0.40	3.15	M75 x 1.5	15.0	96.0	108.0
054708A	GPEXCOR8	8 - 80	59.0	69.0	65.0	77.5	137.0	2.50	3.15	M80 x 2.0	20.0	96.0	108.0
054709A	GPEXCOR9	9 - 90	74.0	81.5	82.0	91.0	137.0	3.00	3.50	M90 x 2.0	20.0	111.0	125.0
054710A	GPEXCOR10	10 - 100	81.0	91.0	90.0	100.0	137.0	3.00	3.50	M100 x 2.0	20.0	125.0	141.



Kits supplied with;

2 glands, 2 locknuts, 2 earthtags, CG shrouds (M16-M32) 1 gland, 1 locknut, 1 earthtag, 1 CG shrouds (M40-M100)



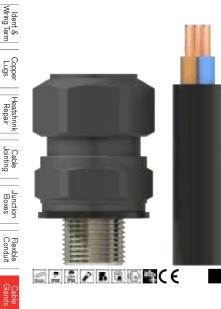
Cable Jointing

Tooling & Cable Prep



Cable Glands | HAZARDOUS AREA CCG™ CABLE GLANDS

CORROSION RESISTANT INDOOR/OUTDOOR - UNARMOURED



CCG POSI GRIP™ Cable Gland

The POSI GRIP™ Gland is designed for use in highly corrosive and wet locations where a hazardous area certification is required. Suitable for use with unarmoured elastomeric and plastic cables.

- For highly corrosive Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.
 Complete with a gripper seal, deluge-proof O-Ring, and elastomeric inner seal for complete explosion and ingress protection IP66/68.
- Brass parts are encapsulated in and protected by a corrosion-resistant material.
- Electroless nickel plated entry thread.
- · Supplied complete with IP sealing washer.

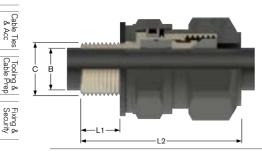
Equipment Protection Levels:

IECEX/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATEX/UKEX: III 2/3G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx CML 20.0011
ATEX	EN 60079 Part 0, 1, 7, 31	CML 20ATEX1026
	EN 60079 Part 0, 15	CML 22ATEX4116
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1013
	BS EN 60079 Part 0, 15	CML 22UKEX4117
Deluge Protect	ction:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7	, 15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7	, 15, 31and IEC 60529
1		
Protection:	IP66 / IP68 (100m - Paralle	el) IEC 60529
Temperatur	e Range: -20°C to 95°C (G	alass Reinforced Polyester)

-60°C to 100°C (Nylon) Material (Gland): Brass (Nickel Plated) Encapsulated in Nylon or DMC Material (Seal): Standard Thermoset Elastomer

	Low Smoke	Reference	Cable C	DD (B)	Gland	Thread			
Code	LS Kit Code	Size	Min	Max	Length (L2)	Entry (C)	Length (L1)	A/F	A/C
054500	GPGRIP00LS	00 - 20ss	3.0	8.5	57.0	M20 x 1.5	15.0	30.0	33.8
0545-0	GPGRIP0LS	0 - 20s	7.0	12.0	57.0	M20 x 1.5	15.0	30.0	33.8
054501	GPGRIP1LS	1 - 20	9.0	15.0	61.0	M20 x 1.5	15.0	34.0	38.3
054502	GPGRIP2LS	2 - 25	14.0	20.0	66.0	M25 x 1.5	15.0	42.0	47.3
054503	GPGRIP3LS	3 - 32	19.0	26.5	75.0	M32 x 1.5	15.0	52.0	58.5
054504	GPGRIP4LS	4 - 40	26.0	34.0	80.0	M40 x 1.5	15.0	62.0	69.8
054505	GPGRIP5LS	5 - 50	34.0	44.5	90.0	M50 x 1.5	15.0	74.0	83.3
054506	GPGRIP6LS	6 - 63	44.0	56.5	122.0	M63 x 1.5	15.0	95.0	106.9
054507	GPGRIP7LS	7 - 75	56.0	67.5	122.0	M75 x 1.5	15.0	111.0	124.9



Kits and Accessories

Kits supplied with; 2 glands and 2 locknuts (M16-M32) 1 gland and 1 locknut (M40-M75)



Cable

Gland Accs.

Cable Cleats

All dimensions in mm except where stated 148

HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands

CORROSION RESISTANT INDOOR/OUTDOOR - FLEXIBLE WIRE BRAID

CCG POSI BRAID[™] Cable Gland

The POSI BRAID™ Gland is designed for use in highly corrosive and wet locations where a hazardous area certification is required. The brass gland is encapsulated within a corrosion resistant non-metallic body. Designed for use with braided cables.

- For use in highly corrosive area, indoor and outdoor use.
- Extreme corrosion resistance.
- · Complete with a gripper seal, deluge-proof O-Ring, and elastomeric inner seal for complete explosion and ingress protection IP66/68.
- · Brass parts are encapsulated in and protected by a corrosion-resistant material. · Electroless nickel plated entry thread.
- · Supplied complete with IP sealing washer.

Equipment Protection Levels:

ATEX: Category 2, Category 3, 2 GD EEx e IIC

Certification: DEMKO 01 ATEX 130325X

EN50014, EN50019, EN50281-1-1, EN50018



Protection: IP66 / IP68 Temperature Range: Standard -30°C to 80°C Material (Gland): Brass (Nickel Plated) Encapsulated in Nylon or DMC Material (Seal): Standard Thermoset Elastomer



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

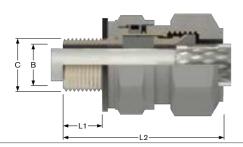
Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

	Low Smoke	Reference	Cable C	D (B)	Gland	Armou	r Dia	Thread			
Code	LS Kit Code	Size	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
054400-B	GPCKXT00LS	00 - 20ss	3.0	8.0	57.0	0.20	0.30	M20 x 1.5	15.0	28.0	32.0
0544-0-B	GPCKXT0LS	0 - 20s	8.0	12.0	57.0	0.20	0.30	M20 x 1.5	15.0	30.0	34.0
054401-B	GPCKXT1LS	1 - 20	11.0	15.5	61.0	0.20	0.30	M20 x 1.5	15.0	34.0	38.0
054402-B	GPCKXT2LS	2 - 25	15.0	20.2	66.0	0.20	0.45	M25 x 1.5	15.0	42.0	47.0
054403-B	GPCKXT3LS	3 - 32	20.0	26.5	75.0	0.20	0.45	M32 x 1.5	15.0	52.0	59.0
054404-B	GPCKXT4LS	4 - 40	26.0	34.5	85.0	0.30	0.45	M40 x 1.5	20.0	62.0	70.0
054405-B	GPCKXT5LS	5 - 50	34.0	44.5	95.0	0.40	0.45	M50 x 1.5	20.0	74.0	83.0
054406-B	GPCKXT6LS	6 - 63	44.0	57.0	127.0	0.40	0.45	M63 x 1.5	20.0	95.0	107.0
054407-B	GPCKXT7LS	7 - 75	56.0	68.0	127.0	0.40	0.45	M75 x 1.5	20.0	110.0	124.0



Kits and Accessories

Kits supplied with;

2 glands, 2 locknuts and 2 earth tags (M20ss-M32) 1 gland, 1 locknut and earth tag (M40-M75)



Challenge us - We find a solution

Cable Glands | HAZARDOUS AREA CCG™ CABLE GLANDS

INDOOR/OUTDOOR - STEEL WIRE, BRAID and TAPE ARMOUR



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

CCG ARMORTEx[™] Cable Gland

The Armortex Gland, designed for hazardous areas EExde Group I / IIC, incorporates the MAC (Multi-Armour Captive Cone), providing an armour clamp and earth bond with Steel Wire, Braid and Tape armoured cables.

- For Group I underground mines, Group II, III, Zone 1, 2, 21 and 22 hazardous areas.
 Freely rotating multi armour captive cone and inspectable cone ring provides an
- armour clamp and earth bond on braid, tape or steel wire armour.
- Armour clamp components can be inspected after installation
- Captive Cone and Ring enables use with Steel Wire, Braid and Tape.
- Extra long captive explosion proof seal ensures Built In Safety™.
- · Gland can be used on Ex d enclosures greater than 2 litres in volume.
- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated™).
- Supplied complete with IP sealing washer.

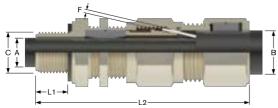
Equipment Protection Levels:

IECEX/INMETRO: Ex d I Mb/ IIC Gb, Ex e I Mb/IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATEX/IXEX: III 12/3G 1D, Ex db I Mb/ IIC Gb, Ex eb I Mb/IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx TSA 22.0011X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protec	tion:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7,	

Protection: IP66 / IP68 (100m - Parallel) IEC 60529 Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals

	Reference	Bedding	g OD (A)	Cable 0	Cable OD (B) Gland		Armour Dia (F) Th		Thread			
Code	Size	Min	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)	A/F	A/C
052216A	00 - 16ss	3.0	8.0	8.0	13.5	88.0	0.20	1.25	M16 x 1.5	15.0	25.0	28.0
052200A	00 - 20ss	3.0	8.0	8.0	13.5	88.0	0.20	1.25	M20 x 1.5	15.0	25.0	28.0
0522-0A	0 - 20s	8.0	11.5	11.5	16.0	88.0	0.20	1.25	M20 x 1.5	15.0	25.0	28.0
052201A	1 - 20	11.5	14.0	12.5	19.0	93.0	0.20	1.25	M20 x 1.5	15.0	27.0	30.0
052202A	2 - 25	14.0	20.2	18.0	26.5	100.0	0.20	1.60	M25 x 1.5	15.0	40.0	45.0
052203A	3 - 32	20.0	26.5	23.0	33.0	110.0	0.20	2.00	M32 x 1.5	19.0	45.0	51.0
052204A	4 - 40	26.5	34.0	28.0	40.5	123.0	0.30	2.00	M40 x 1.5	21.0	55.0	62.0
052255A	5s - 50s	32.5	38.0	35.2	46.0	123.0	0.40	2.50	M50 x 1.5	21.0	70.0	79.0
052205A	5 - 50	38.0	44.5	44.4	52.0	123.0	0.40	2.50	M50 x 1.5	21.0	70.0	79.0
052266A	6s - 63s	44.5	50.0	45.5	60.0	160.0	0.40	2.50	M63 x 1.5	21.0	85.0	96.0
052206A	6 - 63	50.0	56.0	54.6	67.0	160.0	0.40	2.50	M63 x 1.5	21.0	85.0	96.0
052207A	7 - 75	56.0	65.0	59.0	78.0	170.0	0.40	3.15	M75 x 1.5	30.0	96.0	108.0





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HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - UNARMOURED

CCG FLP Hose Cable Gland

The FLP Hose Compression Gland is designed for use with unarmoured elastomeric and plastic cables where a flame-proof seal is required. The male spigot allows a protective hose to be secured at the back of the gland.

- For Group I underground mines, Group II, III, Zone 1, 2, 21, and 22 hazardous areas.
- Fitted complete with a specially formulated elastomeric captive seal for Built-in Safety[™].
- A hose tail provides for clamping a protective hose over the cable.
- Two-part handling, no loose parts.
- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated[™]).
- Supplied complete with IP sealing washer.

Equipment Protection Levels:

IECE//INIMETRO: Ex do I Mb / Ex eb I Mb / Ex do IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da ATE//UKEX: 📓 I M2, 📓 II 2/3G 1D, Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx TSA 22.0011X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protec	ction:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529

Protection: IP66 / IP68 Parallel IEC 60529

Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

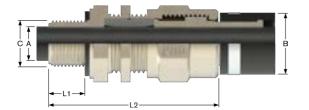
Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

	Reference	ference Bedding OD (A)		Hose Ca	able OD (B)	Gland	Thread				
Code	Size	Min	Max	Min	Max	Length (L2)	Entry (C)	Length (L1)	A/F	A/C	
052716A	00 - 16ss	3.0	8.0	15.0	-	61.0	M16 x 1.5	15.0	25.0	28.0	
052700A	00 - 20ss	3.0	8.0	15.0	-	61.0	M20 x 1.5	15.0	25.0	28.0	
0527-0A	0 - 20s	8.0	11.5	15.0	1/2	61.0	M20 x 1.5	15.0	25.0	28.0	
052701A	1 - 20	11.0	14.5	17.5	3⁄4	63.0	M20 x 1.5	15.0	27.0	30.0	
052702A	2 - 25	14.0	20.2	25.9	1.0	75.0	M25 x 1.5	15.0	40.0	45.0	
052703A	3 - 32	20.0	26.5	32.2	1¼	91.0	M32 x 1.5	15.0	45.0	51.0	
052704A	4 - 40	26.5	32.5	39.2	1½	99.0	M40 x 1.5	15.0	55.0	62.0	
052755A	5s - 50s	34.0	38.0	45.0	1¾	105.0	M50 x 1.5	15.0	70.0	79.0	
052705A	5 - 50	38.0	44.5	51.0	2.0	105.0	M50 x 1.5	15.0	70.0	79.0	
052765A	6s -63s	44.5	50.0	63.0	21⁄4	111.0	M63 x 1.5	15.0	85.0	96.0	
052706A	6 - 63	50.0	56.0	63.0	21/2	111.0	M63 x 1.5	15.0	85.0	96.0	
052707A	7 - 75	56.0	65.0	76.2	3.0	120.0	M75 x 1.5	15.0	96.0	108.0	





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Cable Glands | HAZARDOUS AREA CCG[™] CABLE GLANDS

INDOOR/OUTDOOR - UNARMOURED



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

CCG FLP-TR Cable Gland

The FLP-TR Compression Gland is designed for use with unarmoured elastomeric and plastic cables where a flame-proof seal is required.

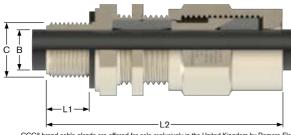
- For Group I underground mines, Group II, III, Zone 1, 2, 21 and 22 hazardous areas. • No loose parts that can get lost
- Fitted with specially formulated captive elastomeric seal provides Built In Safety™.
- Provided with an Extra gripper seal to grip the cable.
- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated[™]).
- Supplied complete with IP sealing washer.

Equipment Protection Levels: IECEX/INMETRO: Ex db I Mb / Ex db I Mb / Ex db IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da IECEX/INMETRO: Ex db I Mb / Ex db I Mb / Ex db IIC Gb / Ex nR IIC Gc / Ex ta IIIC Gb / Ex nR ATEX/UKEX: 🔤 I M2, 🔄 II 2/3G 1D, Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx TSA 22.0011X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protec	tion:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	C CUK 🦳 🐝	
Protection:	IP66 / IP68 Parallel IEC 60	0529
Temperatur	e Range: Standard -60°C to	o 95°C
Material (G	and): Brass / Marine Grade	Electroless Nickel Plated™

Material (Gland): Brass / Marine Grade Electroless Nickel Plated Material (Seal): Standard Thermoset Elastomer

	Reference	Cable OI) (B)	Gland	Thread			
Code	Size	Min	Max	Length (L2)	Entry (C)	Length (L1)	A/F	A/C
052416A	00 - 16ss	3.0	8.0	61.0	M16 x 1.5	15.0	25.0	28.0
052400A	00 - 20ss	3.0	8.0	61.0	M20 x 1.5	15.0	25.0	28.0
0524-0A	0 - 20s	8.0	11.5	61.0	M20 x 1.5	15.0	25.0	28.0
052401A	1 - 20	11.5	14.0	63.0	M20 x 1.5	15.0	27.0	30.0
052402A	2 - 25	14.0	20.2	75.0	M25 x 1.5	15.0	40.0	45.0
052403A	3 - 32	20.0	26.5	91.0	M32 x 1.5	15.0	45.0	51.0
052404A	4 - 40	26.5	34.0	103.0	M40 x 1.5	15.0	55.0	62.0
052455A	5s - 50s	32.5	38.0	105.0	M50 x 1.5	15.0	70.0	79.0
052405A	5 - 50	38.0	44.5	105.0	M50 x 1.5	15.0	70.0	79.0
052465A	6s -63s	44.5	50.0	111.0	M63 x 1.5	15.0	85.0	96.0
052406A	6 - 63	50.0	56.0	111.0	M63 x 1.5	15.0	85.0	96.0
052407A	7 - 75	56.0	65.0	120.0	M75 x 1.5	15.0	96.0	108.0





Separately p.177

CCG® brand cable glands are offered for sale exclusively in the United Kingdom by Remora Electrical Limited.

HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands

INDOOR/OUTDOOR - UNARMOURED

CCG FLP-TR High Temp Cable Gland

The FLP-TR Compression Gland is designed for use with unarmoured elastomeric and plastic cables where a flame-proof seal is required.

- For Group I underground mines, Group II, III, Zone 1, 2, 21 and 22 hazardous areas.
- . No loose parts that can get lost
- Extreme Temperature Environments Seals: -60°C to +160°C
- Fitted with specially formulated captive elastomeric seal provides Built In Safety™.
- · Provided with an Extra gripper seal to grip the cable.
- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated[™]).
- Supplied complete with IP sealing washer.

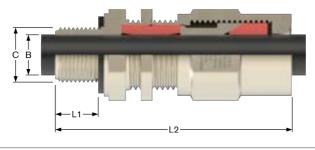
Equipment Protection Levels:

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx TSA 22.0011X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protec	ction:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7,	, 15, 31 and IEC 60529
	C Euk 🚳 📰	

Protection: IP66 / IP68 Parallel IEC 60529 Temperature Range: -60°C to 160°C Extreme Temp. Seals Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Extreme Temperature Silicone Seals



	Reference	Cable OI	D (B)	Gland	Thread				
Code	Size	Min	Max	Length (L2)	Entry (C)	Length (L1)	A/F	A/C	Gland Accs.
052416A-HT	00 - 16ss	3.0	8.0	61.0	M16 x 1.5	15.0	25.0	28.0	Ac Gla
052400A-HT	00 - 20ss	3.0	8.0	61.0	M20 x 1.5	15.0	25.0	28.0	
0524-0A-HT	0 - 20s	8.0	11.5	61.0	M20 x 1.5	15.0	25.0	28.0	
052401A-HT	1 - 20	11.5	14.0	63.0	M20 x 1.5	15.0	27.0	30.0	L I Cable Cleats
052402A-HT	2 - 25	14.0	20.2	75.0	M25 x 1.5	15.0	40.0	45.0	- 00
052403A-HT	3 - 32	20.0	26.5	91.0	M32 x 1.5	15.0	45.0	51.0	
052404A-HT	4 - 40	26.5	34.0	103.0	M40 x 1.5	15.0	55.0	62.0	
052455A-HT	5s - 50s	32.5	38.0	105.0	M50 x 1.5	15.0	70.0	79.0	Earthing Lightning
052405A-HT	5 - 50	38.0	44.5	105.0	M50 x 1.5	15.0	70.0	79.0	<u>ت</u> ش
054565A-HT	6s -63s	44.5	50.0	111.0	M63 x 1.5	15.0	85.0	96.0	
052406A-HT	6 - 63	50.0	56.0	111.0	M63 x 1.5	15.0	85.0	96.0	MICC Cable
052407A-HT	7 - 75	56.0	65.0	120.0	M75 x 1.5	15.0	96.0	108.0	_ ₹g





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Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Ident & Wiring Term

Copper Lugs

Cable Glands | HAZARDOUS AREA CCG[™] CABLE GLANDS

INDOOR/OUTDOOR - STEEL WIRE ARMOUR



CCG E1EX-VX VORTEx® Barrier Gland

The E1EX-VX VORTEx Barrier Gland is designed for use indoor, outdoors, Group II, III hazardous areas with unfilled hygroscopic multicore cables refer to IEC 60079-14; 9.3.2 and 10.6.2a, IEC 61892-7, 10.6 and 10.7.

- For indoors, outdoors, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.
- Resin cartridges sold separately can fill multiple glands (See table below).
- A freely rotating captive cone and inspectable cone ring provide an armour clamp and earth bond on Steel Wire and Aluminium Armour (Nickel Plated Only).
- Quick setting injection resin forms a 100% barrier seal around the cable cores. • Prevents explosive gases and/or liquids from transmitting down the cable.
- Patented Variable Deluge Seal as standard.

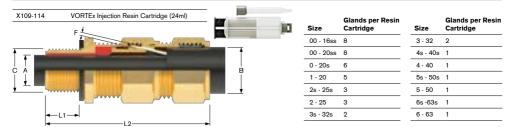
Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated™).

Equipment Protection Levels: IECEx/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATEX/UKEX: 🔛 II 2/3G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

Conformance:	Chandard	Certification:
IEC/BS EN	IEC/BS EN 62444, 6121	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx CML 18.0018X
ATEX	EN 60079 Part 0, 1, 7, 31	CML 16ATEX1001X
	EN 60079 Part 0, 15	CML 16ATEX4002X
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1011X
	BS EN 60079 Part 0, 15	CML 21UKEX4006X
Deluge Protect	tion:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	C CUK 🦳 🛸	
Protection:	IP66 / IP68 (100m - Paralle	I) IEC 60529
Temperature	e Range: Standard -60°C to	o 100°C
Material (CI	and) Broos / Marina Grada	Electrologo Nickel PlatedTM

Material (Gland): Brass / Marine Grade Electroless Nickel Plated Material (Seal): Standard Thermoset Elastomer

	Reference	Beddin	g OD (A)	Cable C	OD (B)	Gland	Armour	Dia (F)	Thread	
Code	Size	Min	Max	Min	Max	Length (L2)	Min	Max	Entry (C)	Length (L1)
056016A-UN	00 - 16ss	3.0	8.5	8.0	13.5	75.0	0.90	1.25	M16 x 1.5	15.0
056000A-UN	00 - 20ss	3.0	8.5	8.0	13.5	75.0	0.90	1.25	M20 x 1.5	15.0
0560-0A-UN	0 - 20s	7.0	12.0	11.5	16.0	75.0	0.90	1.25	M20 x 1.5	15.0
056001A-UN	1 - 20	9.0	15.0	14.5	20.5	78.0	0.90	1.25	M20 x 1.5	15.0
056022A-UN	2s - 25s	11.0	17.5	16.0	24.5	85.0	1.25	1.60	M25 x 1.5	15.0
056002A-UN	2 - 25	14.0	20.0	20.5	26.5	85.0	1.25	1.60	M25 x 1.5	15.0
056033A-UN	3s - 32s	15.0	22.0	23.0	30.5	91.0	1.60	2.00	M32 x 1.5	15.0
056003A-UN	3 - 32	19.0	26.5	26.5	33.5	91.0	1.60	2.00	M32 x 1.5	15.0
056044A-UN	4s - 40s	22.0	31.5	30.0	39.5	108.0	1.60	2.00	M40 x 1.5	15.0
056004A-UN	4 - 40	26.0	34.0	33.0	42.5	108.0	1.60	2.00	M40 x 1.5	15.0
056055A-UN	5s - 50s	29.0	38.0	34.0	47.5	117.0	2.00	2.50	M50 x 1.5	15.0
056005A-UN	5 - 50	34.0	44.5	42.5	52.5	117.0	2.00	2.50	M50 x 1.5	15.0
056066A-UN	6s -63s	38.0	50.0	45.5	60.5	145.0	2.00	2.50	M63 x 1.5	15.0
056006A-UN	6 - 63	44.0	56.5	52.5	65.5	145.0	2.00	2.50	M63 x 1.5	15.0



Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

HAZARDOUS AREA CCG™ CABLE GLANDS Cable Glands

BARRIER INDOOR/OUTDOOR - UNARMOURED

CCG A2EX-VX VORTEx® Barrier Gland

The A2EX-VX VORTEx Compression Barrier Gland is designed for use indoor, outdoors, Group II, III hazardous areas with unarmoured unfilled hygroscopic multicore cables refer to IEC 60079-14; 9.3.2 and 10.6.2a, IEC 61892-7, 10.6 and 10.7.

- For indoors, outdoors, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.
- Resin cartridges sold separately can fill multiple glands (See table below).
- . Instantly mixed and injected Resin forms a 100% barrier seal around the individual cores of the cable.
- Prevents explosive gases and/or liquids from transmitting down the cable.
- Manufactured from high-quality brass (Marine Grade Electroless Nickel Plated[™]).

Equipment Protection Levels:

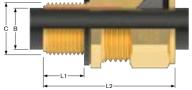
IECEx/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc ATEX/UKEX: II 2/3G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nR IIC Gc

Conformance:	Standard:	Certification:
IEC/BS EN	IEC/BS EN 62444, 6121	CML 14CA364
IECEx	IEC 60079 Part 0, 1, 7, 15, 31	IECEx CML 20.0011
ATEX	EN 60079 Part 0, 1, 7, 31	CML 20ATEX1026
	EN 60079 Part 0, 15	CML 22ATEX4116
UKEX	BS EN 60079 Part 0, 1, 7, 31	CML 21UKEX1013
	BS EN 60079 Part 0, 15	CML 22UKEX4117
Deluge Protec	ction:	DTS-01
Marine:	ABS IEC/EN 60079 Part 0, 1, 7,	15, 31 and IEC 60529
	DNV IEC/EN 60079 Part 0, 1, 7	, 15, 31 and IEC 60529
Protection:	IP66 / IP68 (100m - Paralle	I) IEC 60529
Temperatur	e Range: Standard -60°C to	n 100°C

Material (Gland): Brass / Marine Grade Electroless Nickel Plated™ Material (Seal): Standard Thermoset Elastomer

	Reference	Cable OD) (B)	Gland	Max Over	Max No.	Thread	
Code	Size	Min	Max	Length (L2)	Core	of Cores	Entry (C)	Length (L1)
056416A-UN	00 - 16	3.0	8.5	40.0	8.0	6.0	M16 x 1.5	15.0
056400A-UN	00 - 20ss	3.0	8.5	40.0	10.9	10.0	M20 x 1.5	15.0
0564-0A-UN	0 - 20s	7.0	12.0	40.0	10.9	10.0	M20 x 1.5	15.0
056401A-UN	1 - 20	11.0	15.0	45.0	12.5	13.0	M20 x 1.5	15.0
056422A-UN	2s - 25s	11.5	17.5	45.0	15.5	20.0	M25 x 1.5	15.0
056402A-UN	2 - 25	15.0	20.0	45.0	15.5	20.0	M25 x 1.5	15.0
056433A-UN	3s - 32s	16.0	22.0	45.0	21.7	40.0	M32 x 1.5	15.0
056403A-UN	3 - 32	20.0	26.5	45.0	21.7	40.0	M32 x 1.5	15.0
056444A-UN	4s - 40s	22.0	31.5	53.0	30.0	60.0	M40 x 1.5	15.0
056404A-UN	4 - 40	26.0	34.0	53.0	30.0	60.0	M40 x 1.5	15.0
056455A-UN	5s - 50s	29.0	38.0	61.0	36.3	80.0	M50 x 1.5	15.0
056405A-UN	5 - 50	34.0	44.5	61.0	36.3	80.0	M50 x 1.5	15.0
056466A-UN	6s -63s	38.0	50.0	67.0	47.9	100.0	M63 x 1.5	15.0
056406A-UN	6 - 63	44.5	56.5	67.0	47.9	100.0	M63 x 1.5	15.0





· For Nickel Plated remove -UN when ordering

Glands per Resin Cartridge Size Cartridge Size 00 - 16ss 4s - 40s 8 1 00 - 20ss 8 4 - 40 1 0 - 20s 6 5s - 50s 0.5 1 - 20 5 5 - 50 0.5 28 - 258 5 69-639 0.5 2 - 25 з 6 - 63 0.5 3s - 32s 2 3 - 32 2

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Glands per Resin

Cable Ties & Acc
Tooling & Cable Prep
Fixing & Security

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable



Accessories | SECTION CONTENTS

CABLE GLAND ACCESSORIES

Accessories

Accessories

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Copper Lugs

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Junction Boxes

Flexible Conduit

Fixing & Security High quality thread conversion and sealing accessories suitable for a wide range of cable gland installations and environments. Ideal for both domestic and large-scale industrial construction projects where the cable gland fits the cable but the connecting thread differs. Included in the range are locknuts, sealing and locking washers, shrouds and thread adaptors and reducers



Remora off

Hazardous Area Accessories



Remora offers a full range of CCG premium Hazardous Area Certified thread converters. Engineered to meet the demands of Hazardous Area electrical equipment installations

in the most inhospitable of environments. Internationally recognised certification bodies including ATEX, IECEx, UL and more.

Industrial Accessories



Also available in standard range of Industrial thread conversion products to meet the demands of common domestic and commercial applications. The standard industrial

range in this section is suitable for use in all nonhazardous area installations and can be supplied in nylon or nickel plated brass.

Low Smoke & Zero Halogen Shrouds



Cable Shrouds are used to limit the build up of dirt and liquids on the body of the cable gland. Remora Low Smoke and LSZH shrouds are manufactured from specially formulated low

smoke PVC and Zero Halogen silicone. Commonly specified for projects where protection against toxic fumes is required for people and equipment.

For more information on these and other Remora products, please visit our website at www.remora.net

ION CONTENTS Accessories Ident & Wiring Term Copper Lugs Heatshrink Repair Cable Jointing Junction Boxes P.158 161 Adaptors Flexible Conduit Reducers P.162 165 Cable Glands **Dome Stopping Plugs** P.166 169 Gland Accs. Hex Head Stopping Plugs P.170 171 Cable Cleats P.172 173 **Breather Drains** Earthing Lightning P.174 175 **Bushes & Couplers** MICC Cable 0 P.176 179 Locknuts Cable Ties & Acc 0 P.180 181 Sealing Washers Tooling & Cable Prep P.182 183 Earth Tags Fixing & Security P.185 187 Shrouds

Accessories I INDUSTRIAL AREA ADAPTORS

NYLON ADAPTORS METRIC & PG





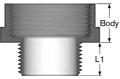
pre-existing threaded holes in machines, devices and housings. Protection: IP56 IP66 (if fitted with sealing washer)

Temperature Range: -40°C to 100°C (static) Material: PA6 (Nylon) Fibre Reinforced

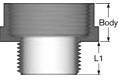




			maie mieuu		
Code	Male Thread	Female Thread	Length (L1)	A/F	Body Height
AM12M16N	M12 x 1.5	M16 x 1.5	9.0	20.0	18.0
AM16M20N	M16 x 1.5	M20 x 1.5	9.0	24.0	18.0
AM20M25N	M20 x 1.5	M25 x 1.5	9.0	29.0	18.0
AM25M32N	M25 x 1.5	M32 x 1.5	10.0	36.0	18.0
AM32M40N	M32 x 1.5	M40 x 1.5	12.0	46.0	18.0
AM40M50N	M40 x 1.5	M50 x 1.5	12.0	55.0	18.0
AM50M63N	M50 x 1.5	M63 x 1.5	14.0	68.0	18.0







PG-Metric Nylon Adaptors

Remora PG-Metric Nylon Adaptors enable the use metric cable glands in machines, devices and housings that have a pre-existing PG threaded entry. Protection: IP56

IP66 (if fitted with sealing washer) Temperature Range: -40°C to 100°C (static) Material: PA6 (Nylon) Fibre Reinforced



		Male Thread		
Male Thread	Female Thread	Length (L1)	A/F	Body Height
PG7 x 1.27	M16 x 1.5	9.0	20.0	18.0
PG9 x 1.41	M16 x 1.5	9.0	20.0	18.0
PG9 x 1.41	M20 x 1.5	9.0	24.0	18.0
PG11 x 1.41	M16 x 1.5	9.0	22.0	18.0
PG11 x 1.41	M20 x 1.5	9.0	24.0	18.0
PG13.5 x 1.41	M20 x 1.5	10.0	24.0	18.0
PG13.5 x 1.41	M25 x 1.5	10.0	29.0	18.0
PG16 x 1.41	M25 x 1.5	10.0	29.0	18.0
PG21 x 1.59	M32 x 1.5	12.0	36.0	18.0
PG29 x 1.59	M40 x 1.5	12.0	46.0	18.0
PG36 x 1.59	M50 x 1.5	14.0	55.0	18.0
PG42 x 1.59	M63 x 1.5	14.0	68.0	18.0
	PG7 x 1.27 PG9 x 1.41 PG9 x 1.41 PG11 x 1.41 PG13.5 x 1.41 PG13.5 x 1.41 PG13.5 x 1.41 PG16 x 1.41 PG12 x 1.59 PG29 x 1.59 PG36 x 1.59	PG7 x 1.27 M16 x 1.5 PG9 x 1.41 M16 x 1.5 PG9 x 1.41 M20 x 1.5 PG11 x 1.41 M20 x 1.5 PG11 x 1.41 M20 x 1.5 PG13.5 x 1.41 M20 x 1.5 PG13.5 x 1.41 M20 x 1.5 PG16 x 1.41 M25 x 1.5 PG16 x 1.41 M25 x 1.5 PG21 x 1.59 M32 x 1.5 PG29 x 1.59 M40 x 1.5 PG36 x 1.59 M50 x 1.5	Male Thread Female Thread Length (L1) PG7 x 1.27 M16 x 1.5 9.0 PG9 x 1.41 M16 x 1.5 9.0 PG9 x 1.41 M16 x 1.5 9.0 PG1 x 1.41 M20 x 1.5 9.0 PG11 x 1.41 M20 x 1.5 9.0 PG13.5 x 1.41 M20 x 1.5 10.0 PG13.5 x 1.41 M25 x 1.5 10.0 PG16 x 1.41 M25 x 1.5 10.0 PG16 x 1.41 M25 x 1.5 12.0 PG20 x 1.59 M40 x 1.5 14.0	Male Thread Female Thread Length (L1) A/F PG7 x 1.27 M16 x 1.5 9.0 20.0 PG9 x 1.41 M16 x 1.5 9.0 20.0 PG9 x 1.41 M16 x 1.5 9.0 24.0 PG1 x 1.41 M20 x 1.5 9.0 24.0 PG11 x 1.41 M20 x 1.5 9.0 24.0 PG13.5 x 1.41 M20 x 1.5 10.0 24.0 PG13.5 x 1.41 M25 x 1.5 10.0 29.0 PG16 x 1.41 M25 x 1.5 10.0 29.0 PG16 x 1.41 M25 x 1.5 10.0 29.0 PG16 x 1.41 M25 x 1.5 12.0 36.0 PG21 x 1.59 M32 x 1.5 12.0 46.0 PG29 x 1.59 M40 x 1.5 14.0 55.0



BRASS ADAPTORS METRIC & PG

Metric-Metric Industrial Adaptors

• ISO Metric range.

Application; Machines, Devices, Housings, Panels
 Standards: EN 50262
 Protection: IP54

IP66 (if fitted with sealing washer) Temperature Range: -60°C to 200°C Material: Nickel Plated Brass



	Entry Threa	Entry Thread		Thread Length			
Code	Male	Female	Male (L1)	Female (F)	A/F		
AM12M16S	M12 x 1.5	M16 x 1.5	5.0	13.0	18.0		
AM16M20S	M16 x 1.5	M20 x 1.5	13.0	13.0	24.0		
AM20M25S	M20 x 1.5	M25 x 1.5	13.0	13.0	29.0		
AM25M32S	M25 x 1.5	M32 x 1.5	13.0	13.0	36.0		
AM32M40S	M32 x 1.5	M40 x 1.5	13.0	15.0	44.0		
AM40M50S	M40 x 1.5	M50 x 1.5	13.0	15.0	54.0		
AM50M63S	M50 x 1.5	M63 x 1.5	13.0	15.0	67.0		
AM63M75S	M63 x 1.5	M75 x 1.5	13.0	18.0	79.0		

PG-Metric Industrial Adaptors

• PG-ISO Metric range.

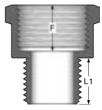
 Application; Machines, Devices, Housings, Panels Standards: EN 50262 Protection: IP54

IP66 (if fitted with sealing washer) Temperature Range: -60°C to 200°C Material: Nickel Plated Brass



	Entry Thread		Thread Len	Thread Length		
Code	Male	Female	Male (L1)	Female (F)	A/F	
APG9M16S	PG9 x 1.41	M16 x 1.5	13.0	13.0	24.0	
APG9M20S	PG9 x 1.41	M20 x 1.5	13.0	13.0	24.0	
APG11M16S	PG11 x 1.41	M16 x 1.5	13.0	13.0	24.0	
APG11M20S	PG11 x 1.41	M20 x 1.5	13.0	13.0	24.0	
APG13M20S	PG13.5 x 1.41	M20 x 1.5	13.0	13.0	24.0	
APG13M25S	PG13.5 x 1.41	M25 x 1.5	13.0	13.0	24.0	
APG16M25S	PG16 x 1.41	M25 x 1.5	13.0	13.0	29.0	
APG21M32S	PG21 x 1.59	M32 x 1.5	13.0	13.0	36.0	
APG29M40S	PG29 x 1.59	M40 x 1.5	13.0	15.0	44.0	
APG36M50S	PG36 x 1.59	M50 x 1.5	13.0	15.0	54.0	
APG42M63S	PG42 x 1.59	M63 x 1.5	13.0	15.0	70.0	











Sealing Washers Supplied Separately p.180

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Cable Cleats

Earthing Lightning

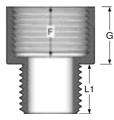
MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Accessories | HAZARDOUS AREA ADAPTORS

BRASS ADAPTORS METRIC & PG





Metric-Metric Hazardous Adaptors

- Enlarges housing entry thread.
- ISO Metric range.

Application; Hazardous Area, Machines, Devices, Housings, Panels Equipment Protection Levels: IECEX/INMETRO: Ex do I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: I M2 Ex db I Mb / Ex eb I Mb, II 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da

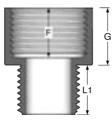
Protection: IP66 / IP68 (2m cont.) Temperature Range: -60°C to 95°C (-60°C to 160°C with High Temp Gasket) Material: Brass or Nickel Plated Brass (Marine Grade)



	Entry Thread		Thread Le	Hex Length			
Code	Male	Female	Male (L1)	Female (F)	A/F	A/C	Min (G)
AM16M20E-UN	M16 x 1.5	M20 x 1.5	15.0	15.0	32.0	36.0	21.0
AM20M25E-UN	M20 x 1.5	M25 x 1.5	15.0	15.0	32.0	36.0	21.0
AM25M32E-UN	M25 x 1.5	M32 x 1.5	15.0	15.0	38.0	42.8	21.0
AM32M40E-UN	M32 x 1.5	M40 x 1.5	15.0	15.0	50.0	56.3	21.0
AM40M50E-UN	M40 x 1.5	M50 x 1.5	15.0	15.0	60.0	67.5	21.0
AM50M63E-UN	M50 x 1.5	M63 x 1.5	15.0	15.0	70.0	78.8	21.0
AM63M75E-UN	M63 x 1.5	M75 x 1.5	15.0	15.0	85.0	95.6	21.0

· For Nickel Plated remove -UN when ordering





PG-Metric Hazardous Adaptors

Enlarges housing entry thread.

• PG - ISO Metric range.

• Application; Hazardous Area, Machines, Devices, Housings, Panels

• Application; Hazardous Area, Machines, Jewices, Housing, Forder, and Equipment Protection Levels: IECEX/INMETRO: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: A db I Mb / Ex eb I Mb, II 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Protection: IP66 / IP68 (2m cont.) Temperature Range: -60°C to 95°C (-60°C to 160°C with High Temp Gasket)

Material: Brass or Nickel Plated Brass (Marine Grade)



	Entry Thread		Thread Le	ngth	Hex Length		
Code	Male	Female	Male (L1)	Female (F)	A/F	A/C	Min (G)
APG9M20E-UN	PG9	M20 x 1.5	17.0	18.0	27.0	30.4	21.0
APG11M20E-UN	PG11	M20 x 1.5	17.0	18.0	27.0	30.4	21.0
APG13M20E-UN	PG13.5	M20 x 1.5	17.0	18.0	27.0	30.4	21.0
APG13M25E-UN	PG13.5	M25 x 1.5	17.0	18.0	30.0	33.8	21.0
APG16M25E-UN	PG16	M25 x 1.5	17.0	18.0	32.0	36.0	21.0
APG21M32E-UN	PG21	M32 x 1.5	17.0	18.0	38.0	42.8	21.0
APG29M40E-UN	PG29	M40 x 1.5	17.0	21.0	50.0	56.3	21.0
APG36M50E-UN	PG36	M50 x 1.5	17.0	21.0	60.0	67.5	24.0
APG42M63E-UN	PG42	M63 x 1.5	17.0	21.0	70.0	78.8	24.0
APG48M63E-UN	PG48	M63 x 1.5	17.0	21.0	70.0	78.8	24.0

• For Nickel Plated remove -UN when ordering

Cable Glands

HAZARDOUS AREA ADAPTORS ACCESSORIES

BRASS ADAPTORS NPT

NPT-Metric Hazardous Adaptors

Enlarges housing entry thread.

• NPT - ISO Metric range.

Application; Hazardous Area, Machines, Devices, Housings, Panels
 Equipment Protection Levels:

IECEx/INMETRO: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: I M2 Ex db I Mb / Ex eb I Mb, I 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Protection: IP65 / IP66

Temperature Range: -60°C to 95°C

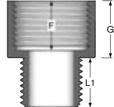
Material: Brass or Nickel Plated Brass (Marine Grade)

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	Entry Thread		Thread Length				Hex Length
Code	Male	Female	Male (L1)	Female (F)	A/F	A/C	Min (G)
AN050M20E-UN	1/2" / 0.50 NPT	M20 x 1.5	15.0	15.0	27.0	30.4	21.0
AN075M25E-UN	34" / 0.75 NPT	M25 x 1.5	15.0	15.0	32.0	36.0	21.0

• For Nickel Plated remove -UN when ordering







Ident & Wiring Term

Copper Lugs

Heatshrink (Repair

Cable Jointing

Junction Boxes

Flexible Conduit



MICC Cable





Accessories I INDUSTRIAL AREA REDUCERS

NYLON REDUCERS METRIC & PG

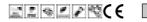




Metric-Metric Nylon Reducers

Remora Metric-Metric Nylon Reducers enable the use of smaller cable glands with larger preexisting threaded holes in machines, devices and housings. **Protection:** IP56

IP66 (if fitted with sealing washer) Temperature Range: -40°C to 100°C (static) Material: PA6 (Nylon) Fibre Reinforced



			Male Thread	
Code	Male Thread	Female Thread	Length (L1)	A/F
RM16M12N	M16 x 1.5	M12 x 1.5	9.0	22.0
RM20M12N	M20 x 1.5	M12 x 1.5	9.0	24.0
RM20M16N	M20 x 1.5	M16 x 1.5	9.0	24.0
RM25M16N	M25 x 1.5	M16 x 1.5	10.0	29.0
RM25M20N	M25 x 1.5	M20 x 1.5	10.0	29.0
RM32M16N	M32 x 1.5	M16 x 1.5	12.0	36.0
RM32M20N	M32 x 1.5	M20 x 1.5	12.0	36.0
RM32M25N	M32 x 1.5	M25 x 1.5	12.0	36.0
RM40M20N	M40 x 1.5	M20 x 1.5	12.0	46.0
RM40M25N	M40 x 1.5	M25 x 1.5	12.0	46.0
RM40M32N	M40 x 1.5	M32 x 1.5	12.0	46.0
RM50M20N	M50 x 1.5	M20 x 1.5	14.0	55.0
RM50M25N	M50 x 1.5	M25 x 1.5	14.0	55.0
RM50M32N	M50 x 1.5	M32 x 1.5	14.0	55.0
RM50M40N	M50 x 1.5	M40 x 1.5	14.0	55.0
RM63M32N	M63 x 1.5	M32 x 1.5	15.0	65.0
RM63M40N	M63 x 1.5	M40 x 1.5	15.0	65.0
RM63M50N	M63 x 1.5	M50 x 1.5	15.0	65.0



PG-Metric Nylon Reducers

Remora PG-Metric Nylon Reducers enable the use metric cable glands in machines, devices and housings that have a pre-existing PG threaded entry. **Protection:** IP56

Male Threed

IP66 (if fitted with sealing washer) Temperature Range: -40°C to 100°C (static) Material: PA6 (Nylon) Fibre Reinforced



				male inread	
	Code	Male Thread	Female Thread	Length (L1)	A/F
	RPG16M20N	PG16 x 1.41	M20 x 1.5	10.0	27.0
	RPG21M25N	PG21 x 1.59	M25 x 1.5	12.0	33.0
	RPG29M32N	PG29 x 1.59	M32 x 1.5	12.0	42.0
	RPG36M40N	PG36 x 1.59	M40 x 1.5	14.0	53.0
	RPG42M40N	PG42 x 1.59	M40 x 1.5	14.0	60.0
	RPG42M50N	PG42 x 1.59	M50 x 1.5	14.0	60.0
l	RPG48M50N	PG48 x 1.59	M50 x 1.5	15.0	65.0

Gland Accs.

INDUSTRIAL AREA REDUCERS ACCESSORIES

BRASS REDUCERS METRIC & PG

Metric-Metric Industrial Reducers

ISO Metric range.

Application; Machines, Devices, Housings, Panels
 Standards: EN 50262
 Protection: IP54

IP66 (if fitted with sealing washer) Temperature Range: -60°C to 200°C Material: Nickel Plated Brass

Material: Nicker Flated Brass



	Entry Thread		Thread Leng	th
Code	Male	Female	Male (L1)	A/F
RM16M12S	M16 x 1.5	M12 x 1.5	10.0	18.0
RM20M12S	M20 x 1.5	M12 x 1.5	13.0	22.0
RM20M16S	M20 x 1.5	M16 x 1.5	13.0	22.0
RM25M16S	M25 x 1.5	M16 x 1.5	13.0	27.0
RM25M20S	M25 x 1.5	M20 x 1.5	13.0	27.0
RM32M20S	M32 x 1.5	M20 x 1.5	13.0	34.0
RM32M25S	M32 x 1.5	M25 x 1.5	13.0	34.0
RM40M20S	M40 x 1.5	M20 x 1.5	13.0	43.0
RM40M25S	M40 x 1.5	M25 x 1.5	13.0	43.0
RM40M32S	M40 x 1.5	M32 x 1.5	13.0	43.0
RM50M20S	M50 x 1.5	M20 x 1.5	13.0	53.0
RM50M25S	M50 x 1.5	M25 x 1.5	13.0	53.0
RM50M32S	M50 x 1.5	M32 x 1.5	13.0	53.0
RM50M40S	M50 x 1.5	M40 x 1.5	13.0	53.0
RM63M20S	M63 x 1.5	M20 x 1.5	13.0	66.0
RM63M25S	M63 x 1.5	M25 x 1.5	13.0	66.0
RM63M32S	M63 x 1.5	M32 x 1.5	13.0	66.0
RM63M40S	M63 x 1.5	M40 x 1.5	13.0	66.0
RM63M50S	M63 x 1.5	M50 x 1.5	13.0	66.0
RM75M63S	M75 x 1.5	M63 x 1.5	13.0	78.0

PG-Metric Industrial Reducers

• PG-ISO Metric range.

	Entry Thread		Thread Leng	th
Code	Male	Female	Male (L1)	A/F
RPG16M20S	PG16 x 1.41	M20 x 1.5	13.0	24.5
RPG21M20S	PG21 x 1.59	M20 x 1.5	13.0	30.3
RPG21M25S	PG21 x 1.59	M25 x 1.5	13.0	30.3
RPG29M20S	PG29 x 1.59	M20 x 1.5	13.0	39.0
RPG29M25S	PG29 x 1.59	M25 x 1.5	13.0	39.0
RPG29M32S	PG29 x 1.59	M32 x 1.5	13.0	39.0
RPG36M25S	PG36 x 1.59	M25 x 1.5	13.0	50.0
RPG36M32S	PG36 x 1.59	M32 x 1.5	13.0	50.0
RPG36M40S	PG36 x 1.59	M40 x 1.5	13.0	50.0
RPG42M32S	PG42 x 1.59	M32 x 1.5	13.0	57.0
RPG42M40S	PG42 x 1.59	M40 x 1.5	13.0	57.0
RPG42M50S	PG42 x 1.59	M50 x 1.5	13.0	57.0
RPG48M32S	PG48 x 1.59	M32 x 1.5	13.0	62.3
RPG48M40S	PG48 x 1.59	M40 x 1.5	13.0	62.3
RPG48M50S	PG48 x 1.59	M50 x 1.5	13.0	62.3







Ident & Wiring Term





Cable Cleats



Tooling & Cable Ties Cable Prep & Acc



Sealing Washers Supplied Separately p.180

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

HAZARDOUS REDUCERS METRIC & IMPERIAL





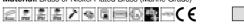
Metric-Metric Hazardous Reducers

Reduces housing entry thread.

· ISO Metric range.

Application; Hazardous Area, Machines, Devices, Housings, Panels
 Equipment Protection Levels:
 IECEX/INMETRO: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC
 ATEX: ■ IA2 Ex db I Mb / Ex eb I Mb, ■ II 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
 Protection: IP66 / IP68 (2m cont.)
 Temperature Range: -60°C to 95°C (-60°C to 160°C with High Temp Gasket)

Material: Brass or Nickel Plated Brass (Marine Grade)



	Entry Thread	Thread Length				Hex Length	
Code	Male	Female	Male (L1)	Female (F)	A/F	A/C	Min (G)
RM20M16E-UN	M20 x 1.5	M16 x 1.5	15.0	15.0	27.0	30.4	6.0
RM25M16E-UN	M25 x 1.5	M16 x 1.5	15.0	15.0	32.0	36.0	6.0
RM25M20E-UN	M25 x 1.5	M20 x 1.5	15.0	15.0	32.0	36.0	6.0
RM32M16E-UN	M32 x 1.5	M16 x 1.5	15.0	15.0	38.0	42.8	6.0
RM32M20E-UN	M32 x 1.5	M20 x 1.5	15.0	15.0	38.0	42.8	6.0
RM32M25E-UN	M32 x 1.5	M25 x 1.5	15.0	15.0	38.0	42.8	6.0
RM40M20E-UN	M40 x 1.5	M20 x 1.5	15.0	15.0	47.0	52.9	6.0
RM40M25E-UN	M40 x 1.5	M25 x 1.5	15.0	15.0	47.0	52.9	6.0
RM40M32E-UN	M40 x 1.5	M32 x 1.5	15.0	15.0	47.0	52.9	6.0
RM50M20E-UN	M50 x 1.5	M20 x 1.5	15.0	15.0	55.0	61.9	6.0
RM50M25E-UN	M50 x 1.5	M25 x 1.5	15.0	15.0	55.0	61.9	6.0
RM50M32E-UN	M50 x 1.5	M32 x 1.5	15.0	15.0	55.0	61.9	6.0
RM50M40E-UN	M50 x 1.5	M40 x 1.5	15.0	15.0	55.0	61.9	6.0
RM63M20E-UN	M63 x 1.5	M20 x 1.5	15.0	15.0	70.0	78.8	6.0
RM63M25E-UN	M63 x 1.5	M25 x 1.5	15.0	15.0	70.0	78.8	6.0
RM63M32E-UN	M63 x 1.5	M32 x 1.5	15.0	15.0	70.0	78.8	6.0
RM63M40E-UN	M63 x 1.5	M40 x 1.5	15.0	15.0	70.0	78.8	6.0
RM63M50E-UN	M63 x 1.5	M50 x 1.5	15.0	15.0	70.0	78.8	6.0
RM75M20E-UN	M75 x 1.5	M20 x 1.5	15.0	15.0	80.0	90.0	6.0
RM75M25E-UN	M75 x 1.5	M25 x 1.5	15.0	15.0	80.0	90.0	6.0
RM75M32E-UN	M75 x 1.5	M32 x 1.5	15.0	15.0	80.0	90.0	6.0
RM75M40E-UN	M75 x 1.5	M40 x 1.5	15.0	15.0	80.0	90.0	6.0
RM75M50E-UN	M75 x 1.5	M50 x 1.5	15.0	15.0	80.0	90.0	6.0
RM75M63E-UN	M75 x 1.5	M63 x 1.5	15.0	15.0	80.0	90.0	6.0

· For Nickel Plated remove -UN when ordering

Imperial (ET)-Metric Hazardous Reducers



	Entry Thread		Thread Length				Hex Length
Code	Male	Female	Male (L1)	Female (F)	A/F	A/C	Min (G)
RET050M16E-UN	1⁄2" / 0.50 ET	M16 x 1.5	15.0	15.0	19.0	22.0	21.0
RET050M20E-UN	1⁄2" / 0.50 ET	M20 x 1.5	15.0	15.0	24.0	27.5	21.0
RET075M20E-UN	¾" / 0.75 ET	M20 x 1.5	15.0	15.0	24.0	27.5	21.0
RET075M25E-UN	¾" / 0.75 ET	M25 x 1.5	15.0	15.0	30.5	35.0	21.0
RET100M20E-UN	1" / 1.00 ET	M20 x 1.5	15.0	15.0	30.5	35.0	5.0
RET100M25E-UN	1" / 1.00 ET	M25 x 1.5	15.0	15.0	30.5	35.0	5.0
RET125M20E-UN	1¼" / 1.25 ET	M20 x 1.5	15.0	15.0	38.0	42.0	5.0
RET125M25E-UN	1¼" / 1.25 ET	M25 x 1.5	15.0	15.0	38.0	42.0	5.0
RET150M20E-UN	11/2" / 1.50 ET	M20 x 1.5	15.0	15.0	42.5	49.0	5.0
RET150M25E-UN	11/2" / 1.50 ET	M25 x 1.5	15.0	15.0	42.5	49.0	5.0

. For Nickel Plated remove -UN when ordering





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Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

HAZARDOUS REDUCERS PG & NPT

PG-Metric Hazardous Reducers

Reduces housing entry thread.

• PG - ISO Metric range

Equipment Protection Levels:

IECEx/INMETRO: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: ☐ I M2 Ex db I Mb / Ex eb I Mb, ☐ II 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Protection: IP66 / IP68 (2m cont.)

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Temperature Range: -60°C to 95°C (-60°C to 160°C with High Temp Gasket)

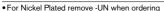
Material: Brass or Nickel Plated Brass (Marine Grade) 22/00=0

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	Entry Th	y Thread Thread Length		ngth			Hex Length
Code	Male	Female	Male (L1)	Female (F)	A/F	A/C	Min (G)
RPG16M20E-UN	PG16	M20 x 1.5	15.0	15.0	32.0	36.0	7.0
RPG21M20E-UN	PG21	M20 x 1.5	17.0	15.0	35.0	39.4	7.0
RPG21M25E-UN	PG21	M25 x 1.5	17.0	15.0	36.0	40.7	7.0
RPG29M20E-UN	PG29	M20 x 1.5	17.0	15.0	50.0	56.3	7.0
RPG29M25E-UN	PG29	M25 x 1.5	17.0	15.0	50.0	56.3	7.0
RPG29M32E-UN	PG29	M32 x 1.5	17.0	15.0	50.0	56.3	7.0
RPG36M20E-UN	PG36	M20 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG36M25E-UN	PG36	M25 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG36M32E-UN	PG36	M32 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG36M40E-UN	PG36	M40 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG42M20E-UN	PG42	M20 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG42M25E-UN	PG42	M25 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG42M32E-UN	PG42	M32 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG42M40E-UN	PG42	M40 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG42M50E-UN	PG42	M50 x 1.5	17.0	15.0	60.0	67.5	7.0
RPG48M32E-UN	PG48	M32 x 1.5	17.0	15.0	70.0	78.0	7.0
RPG48M40E-UN	PG48	M40 x 1.5	17.0	15.0	70.0	78.0	7.0
RPG48M50E-UN	PG48	M50 x 1.5	17.0	15.0	70.0	78.0	7.0







NPT-Metric Hazardous Reducers

Reduces housing entry thread. • NPT - ISO Metric range. **Equipment Protection Levels:**

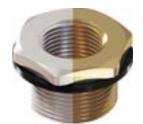
LECEX/INMETRO: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: III M2 Ex db I Mb / Ex eb I Mb, III 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da Protection: IP65 / IP66

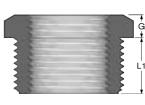
Temperature Range: -60°C to 95°C

Material: Brass or Nickel Plated Brass (Marine Grade)



	Entry Thread		Thread L	ength			Hex Length
Code	Male	Female	Male (L1) Female (F)	A/F	A/C	Min (G)
RN075M20E-UN	¾" / 0.75 NPT	M20 x 1.5	15.0	15.0	27.0	30.4	6.0
RN100M20E-UN	1" / 1.00 NPT	M20 x 1.5	19.0	15.0	35.0	39.4	6.0
RN100M25E-UN	1" / 1.00 NPT	M25 x 1.5	19.0	15.0	42.0	47.3	6.0
RN125M20E-UN	1¼" / 1.25 NPT	M20 x 1.5	19.0	15.0	42.0	47.3	6.0
RN125M25E-UN	1¼" / 1.25 NPT	M25 x 1.5	19.0	15.0	42.0	47.3	6.0
RN125M32E-UN	1¼" / 1.25 NPT	M32 x 1.5	19.0	15.0	42.0	47.3	6.0
RN150M20E-UN	1½" / 1.50 NPT	M20 x 1.5	21.0	15.0	48.0	54.0	6.0
RN150M25E-UN	1½" / 1.50 NPT	M25 x 1.5	21.0	15.0	48.0	54.0	6.0
RN150M32E-UN	1½" / 1.50 NPT	M32 x 1.5	21.0	15.0	48.0	54.0	6.0
RN150M40E-UN	1½" / 1.50 NPT	M40 x 1.5	21.0	15.0	48.0	54.0	6.0





Call the Remora sales team at 01226 352 000

Ident & Wiring Term

Cable Cleats

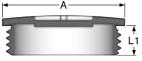
Earthing Lightning



Cable Ties & Acc

NYLON DOME HEAD STOPPING PLUGS





Metric Nylon Dome Head Stopping Plugs

Remora industrial dome head stopping plugs are designed as a cost effective permanent solution for blanking unused pre-threaded holes. A 'cross' slot in the cap enables tightening with a screwdriver. Protection: IP56

IP66 / IP68 (if fitted with sealing washer)

Temperature Range: -20°C to 100°C (static)

Material: Polystyrene, Impact Resistant Colour: Grey

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Code	Entry Thread	Thread Length (L1)	Cap Diameter (A)
EVS12	M12 x 1.5	8.0	15.0
EVS16	M16 x 1.5	9.0	19.0
EVS20	M20 x 1.5	9.5	25.0
EVS25	M25 x 1.5	11.5	30.0
EVS32	M32 x 1.5	12.0	38.0
EVS40	M40 x 1.5	13.0	46.0
EVS50	M50 x 1.5	15.0	56.0
EVS63	M63 x 1.5	17.0	68.0

PG Nylon Dome Head Stopping Plugs

Remora industrial dome head stopping plugs are designed as a cost effective permanent solution for blanking unused pre-threaded holes. A 'cross' slot in the cap enables tightening with a screwdriver.

Protection: IP56

IP66 / IP68 (if fitted with sealing washer)

Temperature Range: -20°C to 100°C (static)

Material: Polystyrene, Impact Resistant Colour: Grey

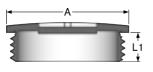


Code	Entry Thread	Thread Length (L1)	Cap Diameter (A)
VS7	PG7 x 1.27	8.0	15.0
VS9	PG9 x 1.41	9.0	19.0
VS11	PG11 x 1.41	10.0	22.0
VS13	PG13.5 x 1.41	10.0	25.0
VS16	PG16 x 1.41	9.5	27.0
VS21	PG21 x 1.59	12.0	33.0
VS29	PG29 x 1.59	12.0	44.0
VS36	PG36 x 1.59	15.0	55.0
VS42	PG42 x 1.59	16.0	62.0
VS48	PG48 x 1.59	16.0	68.0



Sealing Washers Supplied Separately p.180





Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

INDUSTRIAL AREA DOME STOPPING PLUGS ACCESSORIES

BRASS DOME HEAD STOPPING PLUGS

Metric Industrial Dome Head Stopping Plugs

- ISO Metric range.
- Also available with long thread (see table below)
- Application; Machines, Devices, Housings, Panels
- Standards: EN 50262

Protection: IP54

IP66 / IP68 (if fitted with sealing washer) Temperature Range: -200°C to 200°C

Material: Nickel Plated Brass



Code	Entry Thread	Thread Length (L1)	Cap Diameter (A)
EMVS12	M12 x 1.5	5.0	14.0
EMVS16	M16 x 1.5	5.0	18.0
EMVS20	M20 x 1.5	6.5	22.0
EMVS25	M25 x 1.5	7.0	28.0
EMVS32	M32 x 1.5	8.0	35.0
EMVS40	M40 x 1.5	8.5	44.0
EMVS50	M50 x 1.5	9.0	54.0
EMVS63	M63 x 1.5	10.0	67.0



Ident & Wiring Term

Copper Lugs

Heatshrink (Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

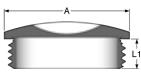
Cable Cleats

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security



Long Thread Code	Entry Thread	Thread Length (L1)	Cap Diameter (A)
EMVS-L12	M12 x 1.5	13.0	14.0
EMVS-L16	M16 x 1.5	13.0	18.0
EMVS-L20	M20 x 1.5	13.0	22.0
EMVS-L25	M25 x 1.5	14.0	28.0
EMVS-L32	M32 x 1.5	14.5	35.0
EMVS-L40	M40 x 1.5	14.5	44.0
EMVS-L50	M50 x 1.5	15.5	54.0
EMVS-L63	M63 x 1.5	16.5	67.0

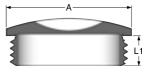
PG Industrial Dome Head Stopping Plugs

Temperature Range: -200°C to 200°C Material: Nickel Plated Brass



Code	Entry Thread	Thread Length (L1)	Cap Diameter (A)
MV7	PG7 x 1.27	5.0	14.0
MV9	PG9 x 1.41	6.0	17.0
MV11	PG11 x 1.41	6.0	20.0
MV13	PG13.5 x 1.41	6.5	22.0
MV16	PG16 x 1.41	6.5	24.0
MV21	PG21 x 1.59	7.0	30.0
MV29	PG29 x 1.59	8.0	39.0
MV36	PG36 x 1.59	9.0	50.0
MV42	PG42 x 1.59	10.0	57.0
MV48	PG48 x 1.59	10.0	64.0





Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Accessories | HAZARDOUS AREA DOME STOPPING PLUGS

HAZARDOUS AREA DOME STOPPING PLUGS





Metric Hazardous Dome Head Stopping Plug - Brass

• ISO Metric range.

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• Application; Hazardous Area, Machines, Devices, Housings, Panels

Equipment Protection Levels: IECEx: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: II M2 Ex db I Mb / Ex eb I Mb, II 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da

Protection: IP66 / IP68

Temperature Range: -60°C to 95°C (-60°C to 160°C with High Temp Gasket) Material: Brass or Nickel Plated Brass (Marine Grade)

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Code	Entry Thread	Thread Length (L1)	Head Diameter	Allen Key AF
353016-UN	M16 x 1.5	16.0	22.0	10.0
353020-UN	M20 x 1.5	16.0	25.0	10.0
353025-UN	M25 x 1.5	16.0	35.0	10.0
353032-UN	M32 x 1.5	16.0	42.0	10.0
353040-UN	M40 x 1.5	16.0	50.0	10.0
353050-UN	M50 x 1.5	16.0	60.0	10.0
353063-UN	M63 x 1.5	16.0	70.0	14.0
353075-UN	M75 x 1.5	16.0	85.0	14.0
353080-UN	M80 x 2.0	20.0	90.0	14.0
353090-UN	M90 x 2.0	20.0	100.0	14.0
353100-UN	M100 x 2.0	20.0	110.0	14.0

. For Nickel Plated remove -UN when ordering

Metric Hazardous Dome Head Stopping Plug - Nylon

ISO Metric range.

- Application; Machines, Devices, Housings, Panels
- Standards: IECEx: : Ex eb IIC Gb, Ex tb IIIC Db, Ex nR IIC Gc
 - ATEX: III2GD, Ex eb IIC Gb, Ex tb IIIC Db, Ex nR IIC Gc

Protection: IP66 / IP68

Temperature Range: -20°C to 95°C

Material: HDPE, Nylon



Code	Entry Thread	Thread Length (L1)	Head Diameter	Allen Key AF
352716	M16 x 1.5	15.0	20.5 (min)	6.0
352720	M20 x 1.5	12.0	28.0 (min)	10.0
352725	M25 x 1.5	15.0	33.0 (min)	10.0
352732	M32 x 1.5	15.0	40.0 (min)	10.0
352740	M40 x 1.5	15.0	48.0 (min)	14.0
352750	M50 x 1.5	15.0	56.0 (min)	19.0
352763	M63 x 1.5	15.0	69.0 (min)	19.0
352775	M75 x 1.5	15.0	81.0 (min)	19.0





Cable Glands

> Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep



HAZARDOUS AREA DOME STOPPING PLUGS Accessories

INSULATED EX ADAPTOR

Insulated Exe Adaptor - Nylon

Nylon Exe Adaptors provide a means of connection between dissimilar thread forms or sizes. Certified Adaptors should be used following the basic rules in line with good engineering practice: No more than one conversion Adaptor should be used at one time in any given cable entry. Stopping Plugs should be fitted directly into unused entries of the equipment and not into an Adaptor. Insulated Adaptors provide a vital safety precaution for systems with sensitive electronic equipment that are reliant on an interference free power supply.

· Exe Adaptors are supplied fitted with an 'O' ring to maintain the IP integrity Independently tested to IP68.

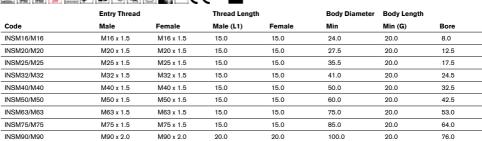
Hazardous:

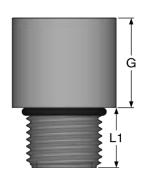
IEC 60079-0, IEC 60079-7, IFC 60079-31 EN 60079-0, EN 60079-7. EN 60079-31



Temperature Range: -20°C to 65°C Material: Glass Filled Nylon

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Cable Glands

Flexible Conduit

Gland Accs.

Cable Cleats

MICC Cable Cable Ties & Acc

Tooling & Cable Prep



Accessories | HEX HEAD STOPPING PLUGS

INDUSTRIAL AREA METRIC









Hex Head Nylon Stopping Plugs

Remora industrial Hex Head stopping plugs are designed as a cost effective permanent solution for blanking unused pre-threaded holes. Protection: IP56

IP66 (if fitted with sealing washer) Temperature Range: -20°C to 80°C(static) 120°(temp) Material: PA6 (Nylon) UL94 V2 Colour: Black or White



Black Code	White Code	Entry Thread	Thread Length (L1)	A/F	A/C
NSTP16	NSTP16W	M16 x 1.5	12.0	19.0	22.0
NSTP20	NSTP20W	M20 x 1.5	12.0	23.0	26.0
NSTP25	NSTP25W	M25 x 1.5	13.5	28.0	32.0
NSTP32	NSTP32W	M32 x 1.5	13.5	36.0	41.0

Hex Head Brass Stopping Plugs

Remora industrial Hex Head stopping plugs are designed as a cost effective permanent solution for blanking unused pre-threaded holes. Standards: EN 50262

Protection: IP54

IP66 (if fitted with sealing washer) Temperature Range: -60°C to 200°C

Material: Nickel Plated Brass

Entry Thread	Thread Length (L1)	A/F			
M16 x 1.5	12.0	18.0			
M20 x 1.5	13.0	22.0			
M25 x 1.5	13.0	27.0			
M32 x 1.5	16.0	34.0			
M40 x 1.5	18.0	43.0			
M50 x 1.5	18.0	54.0			
M63 x 1.5	18.0	68.0			
M75 x 1.5	20.0	80.0			
	M16 x 1.5 M20 x 1.5 M25 x 1.5 M32 x 1.5 M40 x 1.5 M50 x 1.5 M63 x 1.5	M16 x 1.5 12.0 M20 x 1.5 13.0 M25 x 1.5 13.0 M32 x 1.5 16.0 M40 x 1.5 18.0 M50 x 1.5 18.0 M63 x 1.5 18.0			



Sealing Washers Supplied Separately p.180

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

HAZARDOUS AREA METRIC & NPT

Metric Hazardous Hex Head Stopping Plug - Brass

• ISO Metric range.

Application; Hazardous Area, Machines, Devices, Housings, Panels

Equipment Protection Levels: IECEx: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: ■ I M2 Ex db I Mb / Ex eb I Mb., ■ II 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da

Protection: IP66 / IP68

Temperature Range: -60°C to 95°C (-60°C to 160°C with High Temp Gasket) Material: Brass or Nickel Plated Brass (Marine Grade)

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Code	Entry Thread	Thread Length (L1)	A/F	A/C
STPDH16-UN	M16 x 1.5	15.0	19.0	22.0
STPDH20-UN	M20 x 1.5	15.0	24.0	27.0
STPDH25-UN	M25 x 1.5	15.0	27.9	33.0
STPDH32-UN	M32 x 1.5	15.0	37.6	43.0
STPDH40-UN	M40 x 1.5	15.0	47.2	54.0
STPDH50-UN	M50 x 1.5	15.0	55.9	64.0
STPDH63-UN	M63 x 1.5	15.0	70.0	81.0
STPDH75-UN	M75 x 1.5	15.0	80.0	101.0
STPDH80-UN	M80 x 2.0	20.0	90.0	103.5
STPDH90-UN	M90 x 2.0	20.0	95.0	109.4
STPDH100-UN	M100 x 2.0	20.0	105.0	121.0



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable



. For Nickel Plated remove -UN when ordering

NPT Hazardous Hex Head Stopping Plug - Brass

• National Pipe Thread (NPT) range. Application: Hazardous Area, Machines, Devices, Housings, Panels Equipment Protection Levels: IECEx: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da / Ex nR IIC ATEX: I M2 Ex db I Mb / Ex eb I Mb, I 2G 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da

Protection: IP65 / IP66 Temperature Range: -60°C to 95°C Material: Brass or Nickel Plated Brass (Marine Grade)



Code	Entry Thread	Thread Length (L1)	A/F	A/C
STPDH0.50NPT-UN	1⁄2" / 0.50 NPT	20.0	24.0	27.5
STPDH0.75NPT-UN	34" / 0.75 NPT	20.5	30.0	33.0
STPDH1.00NPT-UN	1" / 1.00 NPT	25.0	38.1	43.0
STPDH1.25NPT-UN	11/4" / 1.25 NPT	26.0	50.8	54.0
STPDH1.50NPT-UN	11/2" / 1.50 NPT	26.5	57.2	64.5
STPDH2.00NPT-UN	2" / 2.00 NPT	27.0	70.0	80.8
STPDH2.50NPT-UN	21/2" / 2.50 NPT	40.5	80.0	92.1
STPDH3.00NPT-UN	3" / 3.00 NPT	42.0	95.0	117.0

· For Nickel Plated remove -UN when ordering







Len Call the Remora sales team at 01226 352 000

Accessories | BREATHER DRAIN PLUGS

HAZARDOUS AREA EXE NYLON BREATHER DRAIN PLUG



Nylon Exe Breather Drain Plug

The Exe Nylon breather drain effectively drains moisture from an enclosure and allows air from the enclosure to vent into the surrounding atmosphere thereby minimising moisture build up.

- The Exe version is supplied with a brass castellated nut
- Drains water from equipment susceptible to moisture collection.
- Enables equipment to breathe whilst maintaining protection levels.

ATEX: -II 2 GD, Ex e II only Standards: Certification: IECEx SIR 09.0096U ATEX SIR 10ATEX3279U

EN 50019:1994 EN 50281-1-1:1998



Temperature Range: -20°C to 65°C Material: Glass Filled Nylon



	Protection	Entry Thread				
Code	Level	Туре	Min Length (L1)	Allen Key AF	Head Diameter	Head Protrusion
TT-M20-N-EX	Exe	M20 x 1.5	10.0	10.0	25.4	14.0
TT-M25-N-EX	Exe	M25 x 1.5	10.0	10.0	30.5	14.0
TT-M32-N-EX	Exe	M32 x 1.5	10.0	10.0	38.0	14.0

Ident & Wiring Term

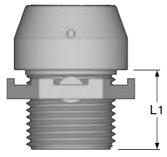
Copper

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit



BREATHER DRAIN PLUGS Accessories

HAZARDOUS AREA BREATHER DRAIN PLUGS

Hazardous Area Brass Breather Drain Plugs

The Exd (Type BDM**D) and the Exe (Type BDM**E) effectively drain moisture from an enclosure and allow air from the enclosure to vent into the surrounding atmosphere thereby minimising moisture build up.

- The Exe version is supplied with a castellated nut or optional serrated washer and standard locknut for high vibration applications.
- Drains water from equipment susceptible to moisture collection.
- · Enables equipment to breathe whilst maintaining protection levels.

Equipment Protection Levels:

IECEx: (BD***E) Exe IIC Gb / Ex tb IIIC Db (BD***D) Ex d IIC Gb / Ex tb IIIC Db ATEX/UKEX:(BD***E) II 2 G D Ex eb IIC Gb / Ex tb IIIC Db (BD***D) II 2 G D Ex db IIC Gb / Ex tb IIIC Db Certification: IECEx CML 16.00021X IEC 60079-0, IEC 60079-1, IEC 60079-7,

ATEX CML 16ATEX1029X

IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31



IP Protection: IP66 (Exe) / IP6X (Exd) Temperature Range: -20°C to 95°C Material: Brass / Nickel Plated Brass





Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

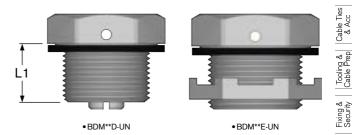


• BDM**E-UN

-			
Туре	Min Length (L1)	A/F A	Cable Gable
M20 x 1.5	15.0	24.0 2	27.0
M25 x 1.5	15.0	32.0 3	36.0 2 9
1/2" NPT	15.0	24.0 2	36.0 provide the second
34" NPT	15.0	32.0 3	36.0
-	½" NPT	½ " NPT 15.0	½" NPT 15.0 24.0 2

• For Nickel Plated remove -UN when ordering

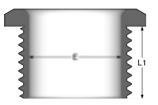
	Protection	Entry Thread				_
Code	Level	Туре	Min Length (L1)	A/F	A/C	
BDM20E-UN	Exe	M20 x 1.5	12.0	24.0	27.0	
BDM25E-UN	Exe	M25 x 1.5	12.0	32.0	36.0	
BDN050E-UN	Exe	1⁄2" NPT	15.0	24.0	27.0	
BDN075E-UN	Exe	34" NPT	15.0	32.0	36.0	



Accessories | BUSHES & COUPLERS

METRIC BRASS BUSHES





Male Brass Bushes

Brass Bushes are designed to protect cables from sharp edges when entering trunking or equipment. Standard bushes are supplied with hexagon body. Manufactured from high quality brass BS 2874 CZ121 Pb3. • ISO Metric range.

· Application; Machines, Devices, Housings, Panels Standards: EN 50262

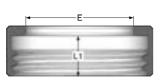
Temperature Range: -60°C to 200°C

Material: Brass BS 2874 CZ121 Pb3

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Code	Entry Thread	Thread Length (L1)	Bore (E)
MBBM20	M20 x 1.5	12.5	16.0
MBBM25	M25 x 1.5	13.0	21.3
MBBM32	M32 x 1.5	14.5	27.7
MBBM40	M40 x 1.5	15.0	34.5
MBBM50	M50 x 1.5	15.0	44.7
MBBM63	M63 x 1.5	15.5	56.5
MBBM75	M75 x 1.5	16.5	68.5
MBBM100	M100 x 2.0	20.0	92.7





Female Brass Bushes

Female Bushes are used on the end of conduit tube or any other male threaded component to protect the cabling from any sharp edges.

• ISO Metric range.

· Application; Machines, Devices, Housings, Panels

Standards: EN 50262

Temperature Range: -60°C to 200°C Material: Brass BS 2874 CZ121 Pb3



Code	Entry Thread	Thread Length (L1)	Bore (E)
FBBM20	M20 x 1.5	6.0	16.0
FBBM25	M25 x 1.5	5.5	21.3
FBBM32	M32 x 1.5	5.0	27.7
FBBM40	M40 x 1.5	7.0	34.5
FBBM50	M50 x 1.5	9.0	44.7
FBBM63	M63 x 1.5	12.0	56.5
FBBM75	M75 x 1.5	15.0	68.5

Flexible Conduit

Cable Glands

Giland Accs.

Cable Cleats Earthing Lightning

BUSHES & COUPLERS | Accessories

METRIC BRASS COUPLERS

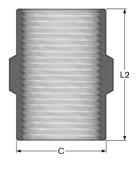
Brass Couplers

ISO Metric range.
 Application; Machines, Devices, Housings, Panels
 Standards: EN 50262
 Temperature Range: -60°C to 200°C
 Material: Brass BS 2874 CZ121 Pb3

279FG(E

Code	Entry Thread	Length (L2)	Diameter (C)
CM20M20	M20 x 1.5	33.0	22.5
CM25M25	M25 x 1.5	34.0	27.0
CM32M32	M32 x 1.5	38.0	34.2
CM40M40	M40 x 1.5	40.0	42.6
CM50M50	M50 x 1.5	41.0	53.0
CM63M63	M63 x 1.5	43.0	66.4
CM75M75	M75 x 1.5	45.0	78.8





Brass Locknuts

ISO Metric range.
 Application; Machines, Devices, Housings, Panels
 Temperature Range: -60°C to 200°C
 Material: Brass BS 2874 CZ121 Pb3
 Finish: Plain Brass



Unplated Brass

Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
UBLN12	M12 x 1.5	15.0	16.5	3.0	100
UBLN16	M16 x 1.5	20.0	22.0	3.5	100
UBLN1	M20 x 1.5	24.0	26.5	4.0	100
UBLN2	M25 x 1.5	30.0	33.0	3.5	100
UBLN3	M32 x 1.5	40.0	44.0	4.0	100
UBLN4	M40 x 1.5	46.0	50.0	4.5	50
UBLN5	M50 x 1.5	65.0	72.0	5.0	25
UBLN6	M63 x 1.5	80.0	88.0	6.5	25
UBLN7	M75 x 1.5	90.0	98.0	6.5	10
UBLN8	M80 x 2.0	97.0	109.0	8.0	2
UBLN9	M90 x 2.0	112.0	125.0	10.0	2
UBLN10	M100 x 2.0	115.0	131.5	7.0	2



Call the Remora sales team at 01226 352 000

Ident & Wiring Term Copper Lugs Heatshrink Repair Cable Junction Boxes Flexible Conduit Cable Glands Gland Accs.

> Earthing Cable Lightning Cleats

Tooling & Cable Ties Cable Prep & Acc

Accessories | LOCKNUTS

LOCKNUTS

Locknuts

Locknuts are used for securing cable glands in position, and are used on the cable gland entry thread. They ensure that the cable gland doesn't come loose, which is highly desired due to the power that could be flowing through them at any one time. Remora locknuts go a long way towards keeping everything together, even in areas where stress on the cable gland is more frequent. Used in conjunction with our earth tags and washers, these locknuts form the most secure cable gland set-up one could hope for. Available in Metric, PG, NPT, BSP and ET (imperial) threads.

Material Selection

- Brass Recommended for securing brass Cable Glands and Accessories to a gland plate or into equipment. High dimensional stability, even under the effect of increased temperature. Also available in Nickel Plated corrosion resistant finish.
- Aluminium Recommended when installing aluminium Cable Glands to prevent the galvanic corrosion which can occur when dissimilar metals are coupled together.
- Stainless Steel Corrosion resistant with increased strength at high temperatures.
- Nylon Recommended for securing nylon Cable Glands and Accessories.





PrimeNut[™] - Earthing Locknuts

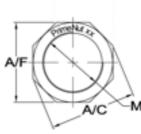
Earth Nuts are designed to speed up the installation of cable glands by replacing the earth tag and lock nut to provide a high integrity earth connection.

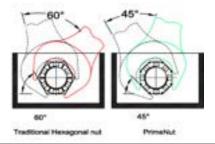
• Cutting teeth bite into the enclosure surface enabling the gland to be tightened from the outside • No Extra drilling compared to traditional earth tag method

Temperature Range: -60°C to 200°C Material: Brass BS 2874 CZ121 Pb3 Finish: Plain Brass



Code	Entry Thread 'M'	A/F	A/C	Width	Screw Thread	Pack QTY
UBEN1	M20 x 1.5	26.0	28.1	7.0	M4 x 0.7	10.0
UBEN2	M25 x 1.5	32.0	34.6	10.0	M4 x 0.7	10.0
UBEN3	M32 x 1.5	41.0	44.4	12.0	M5 x 0.8	4.0





LOCKNUTS Accessories

LOCKNUTS

Brass Locknuts

Brass Locknuts are recommended for use in securing brass cable glands, unions, thread converters and stopping plugs. Manufactured from extrusion brass (BS 2874 CZ121 Pb3) and available in both a plain finish or with a corrosion resistant nickel plating. Temperature Range: -60°C to 200°C Material: Brass BS 2874 CZ121 Pb3

Finish: Plain Brass or Nickel Plated



	Unplated Brass	Nickel Plated Brass					
	Code	Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
		BLN12	M12 x 1.5	15.0	16.5	3.0	100
	UBLN16	BLN16	M16 x 1.5	20.0	22.0	3.5	100
	UBLN1	BLN1	M20 x 1.5	24.0	26.5	4.0	100
υ	UBLN2	BLN2	M25 x 1.5	30.0	33.0	3.5	100
Ξ	UBLN3	BLN3	M32 x 1.5	40.0	44.0	4.0	100
ē	UBLN4	BLN4	M40 x 1.5	46.0	50.0	4.5	50
Σ	UBLN5	BLN5	M50 x 1.5	65.0	72.0	5.0	25
	UBLN6	BLN6	M63 x 1.5	80.0	88.0	6.5	25
	UBLN7	BLN7	M75 x 1.5	90.0	98.0	6.5	10
	UBLN8	BLN8	M80 x 2.0	97.0	109.0	8.0	2
	UBLN9	BLN9	M90 x 2.0	112.0	125.0	10.0	2
	UBLN10	BLN10	M100 x 2.0	115.0	131.5	7.0	2

Entry Thread

1/2" NPT

34" NPT

1" NPT

11/4" NPT

11/2" NPT

2" NPT

21/2" NPT

31/2" NPT

3" NPT

A/F

27.0

30.0

35.5

46.0

55.0

65.0

90.0

104.0

114.0

A/C

29.0

33.0

40.0

50.5

60.5

71.0

99.0

115.0

125.0

Thickness

100

100

100

100

50

50

25

25

10

3.0

4.0

6.0

6.0

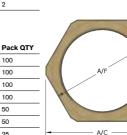
6.0

6.0

9.0

9.0

10.0



NPT

Nickel Plated Brass

Unplated Brass

UBLN050NPT

UBLN075NPT

UBLN100NPT

UBLN125NPT

UBLN150NPT

UBLN200NPT

UBLN250NPT

UBL N300NPT

UBLN350NPT

Code

Nickel Plated Brass

Code

BLN050NPT

BLN075NPT

BLN100NPT

BLN125NPT

BLN150NPT

BLN200NPT

BLN250NPT

BLN300NPT

BLN350NPT

	Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
	BLNPG7	PG7 x 1.27	15.0	16.5	2.8	100
	BLNPG9	PG9 x 1.41	18.0	20.0	2.8	100
	BLNPG11	PG11 x 1.41	21.0	24.0	3.0	100
G	BLNPG13	PG13.5 x 1.41	23.0	26.0	3.0	100
đ	BLNPG16	PG16 x 1.41	26.0	30.0	3.0	100
	BLNPG21	PG21 x 1.59	32.0	36.0	3.5	50
	BLNPG29	PG29 x 1.59	41.0	45.0	4.0	50
	BLNPG36	PG36 x 1.59	51.0	57.0	5.0	25
	BLNPG42	PG42 x 1.59	60.0	65.0	5.0	25
	BLNPG48	PG48 x 1.59	64.0	69.0	6.0	10



Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

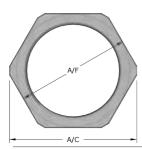
Accessories | LOCKNUTS

LOCKNUTS



A/C





Stainless Steel Locknuts

Stainless Steel Locknuts are recommended for use where prolonged submersion or increased corrosion resistance is required. Manufactured from 316 (A4) Stainless Steel. Temperature Range: -100°C to 400°C Material: 316 (A4) Stainless Steel



St	ainles	s
-		

Metric

NPT

Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
SSLN12	M12 x 1.5	15.0	16.5	3.0	100
SSLN16	M16 x 1.5	22.0	24.0	4.0	100
SSLN1	M20 x 1.5	25.4	27.9	4.0	100
SSLN2	M25 x 1.5	30.0	33.0	4.0	100
SSLN3	M32 x 1.5	40.0	44.0	4.0	100
SSLN4	M40 x 1.5	46.0	50.5	4.8	50
SSLN5	M50 x 1.5	65.0	71.5	5.0	25
SSLN6	M63 x 1.5	80.0	88.0	6.4	25
SSLN7	M75 x 1.5	90.0	99.0	7.0	10
SSLN8	M80 x 2.0	90.0	99.0	9.0	2
SSLN9	M90 x 2.0	104.8	115.3	9.0	2
SSLN10	M100 x 2.0	114.3	125.7	9.0	2
Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
SSLN050NPT	1/2" NPT	27.0	29.7	3.2	100
SSLN075NPT	34" NPT	30.5	33.5	4.0	100
SSLN100NPT	1" NPT	36.0	39.5	6.4	100
SSLN125NPT	11/4" NPT	46.0	50.5	6.4	100
SSLN150NPT	11/2" NPT	55.0	60.6	6.4	100
SSLN200NPT	2" NPT	65.0	70.8	6.4	50
SSLN250NPT	21/2" NPT	90.0	99.0	9.0	50
SSLN300NPT	3" NPT	104.8	115.3	9.0	25
SSLN350NPT	31/2" NPT	114.3	125.7	10.0	10

Aluminium Locknuts

Aluminium Locknuts are recommended when installing aluminium Cable Glands to prevent the galvanic corrosion which can occur when dissimilar metals are coupled together. Temperature Range: -60°C to 130°C Material: Aluminium 6082 HE30

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Aluminium						
Code	Entry Thread	A/F	A/C	Thickness	Pack QTY	
ALN16	M16 x 1.5	24.0	36.4	4.0	100	
ALN1	M20 x 1.5	27.0	29.7	4.0	100	
ALN2	M25 x 1.5	30.0	33.0	4.0	100	
ALN3	M32 x 1.5	40.0	44.0	4.0	100	
ALN4	M40 x 1.5	50.0	55.0	4.5	100	
ALN5	M50 x 1.5	65.0	71.5	5.0	50	
ALN6	M63 x 1.5	75.0	82.5	6.5	25	
ALN7	M75 x 1.5	90.0	99.0	7.0	10	

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties Tooling & & Acc Cable Prep

LOCKNUTS Accessories

LOCKNUTS

Nylon Locknuts

Remora Metric nylon locknuts. Use this code if you wish to order locknuts separately from glands. **Temperature Range:** -40°C to 100°C (static)

Material: PA6 (Nylon)

Colour: Black, Grey, Red, White (PG locknuts & M40-M63 Black and Grey Only)

M63 x 1.5





A/F

20.0

20.0

22.0

28.0

38.0

50.0

60.0

75.0

A/C

22.0

22.0

26.5

32.0

42.0

55.0

66.0

82.0

Thickness

5.0

7.0

7.0

8.0

8.0

8.0

9.0

10.0

Pack QTY

100

100

100

100

100

50

25

10

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10

Metric

NLN63*

Entry Thread Code NLN12* M12 x 1.5 NLN16* M16 x 1.5 NLN20* M20 x 1.5 NLN25 M25 x 1.5 NLN32* M32 x 1.5 NLN40* M40 x 1.5 NLN50* M50 x 1.5



PG					
Code	Entry Thread	A/F	A/C	Thickness	Pack QTY
NLNPG7*	PG7	15.0	17.0	5.0	100
NLNPG9*	PG9	22.0	24.0	5.0	100
NLNPG11*	PG11	24.0	26.0	5.0	100
NLNPG13.5*	PG13.5	28.0	30.0	6.0	100
NLNPG16*	PG16	30.0	32.5	6.0	100
NLNPG21*	PG21	36.0	39.0	7.0	50
NLNPG29*	PG29	47.0	50.0	7.5	50
NLNPG36*	PG36	60.0	65.0	8.0	25
NLNPG42*	PG42	64.0	71.0	10.0	25
NLNPG48*	PG48	70.0	76.0	10.0	10







Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable

Junction Boxes





MICC Cable

Accessories | SEALING WASHERS

SEALING WASHERS

Sealing Washers

Sealing washers form a mechanical seal between the cable gland and equipment panel. This can fill irregularities between "less-than-perfect" mating surfaces forming a liquid tight seal and evenly distributing pressure over the mating surface. The requirement for a sealing washer will depend on the ingress protection rating or code of protection for the equipment the gland is being fitted to.



• ISO Metric range. Standard Nylon sealing washer. Standards: FDA and BfR Compliant UL94 HB Temperature Range: -40°C to 85°C Material: PA6 Nylon (ISO 1043)

	●∠■€€		(Clear)	
Code	Gland Entry	ID (A)	OD (B)	Pack QTY
NW16	M16	16.5	25.0	100
NW20	M20	20.5	30.0	100
NW25	M25	25.5	36.0	100
NW32	M32	32.5	42.5	100
NW40	M40	40.5	52.0	50
NW50	M50	50.5	64.5	50
NW63	M63	63.5	80.0	25
NW75	M75	75.5	95.0	10

Nylon Sealing Washers - Lightweight

• ISO Metric range. Lightweight Nylon sealing washer. Temperature Range: -40°C to 85°C Material: PA6 Nylon (ISO 1043)

		•			
091	ø		C	E	

Code	Gland Entry	ID (A)	OD (B)	Pack QTY
NSW16	M16	16.5	22.0	100
NSW20	M20	20.5	25.5	100
NSW25	M25	25.5	32.0	100
NSW32	M32	32.5	41.5	100



HDPE Sealing Washers

• ISO Metric range. Increased temperature range. Standards: UL94 HB / DIN 8075 Temperature Range: -40°C to 100°C (static) Material: High Density Polyethylene (HDPE DIN 8075)

2 1930 mil 2010 / /

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Code	Gland Entry	ID (A)	OD (B)	Pack QTY
805516	M16	16.2	23.0	100
805520	M20	20.2	27.0	100
805525	M25	25.2	35.0	100
805532	M32	32.2	43.0	100
805540	M40	40.3	53.0	50
805550	M50	50.3	67.0	50
805563	M63	63.3	85.0	25
805575	M75	75.3	95.0	10







Fixing & Security

Earthing Lightning

SEALING WASHERS | Accessories

SEALING WASHERS

Fibre Sealing Washers

 ISO Metric range. Resistant to sea water corrosion, petroleum derivative, organic oil solvents, sunlight and abrasion

Standards: IEC 667 BS 6091

ASTM D710

Temperature Range: 0°C to 100°C Material: Vulcanised fibre



Code	Gland Entry	ID (A)	OD (B)	Pack QTY
FW16	M16	16.5	25.0	100
FW20S	M20	20.3	28.5	100
FW20L	M20	20.3	35.0	100
FW25	M25	25.3	36.0	100
FW32	M32	32.3	42.5	100
FW40	M40	40.3	51.5	50
FW50	M50	50.3	64.5	50
FW63	M63	63.5	79.5	25
FW75	M75	75.5	90.0	10



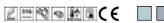
PTFE Sealing Washers

PTFE Sealing Washers have very high temperature resistance and are resistant to nearly all known acids, alkalis, fuel and oils. Standards: FDA compliant, UL94 V0 Temperature Range: -200°C to 260°C Material: White PTFE (Teflon)

Code	Gland Entry	ID (A)	OD (B)	Pack QTY
PTFE16	M16	16.5	25.0	100
PTFE20	M20	20.5	30.0	100
PTFE25	M25	25.5	36.0	100
PTFE32	M32	32.5	42.5	100
PTFE40	M40	40.5	52.0	50
PTFE50	M50	50.5	64.5	50
PTFE63	M63	63.5	80.0	25
PTFE75	M75	75.5	95.0	10

Serrated Washers

 ISO Metric range, Anti-Vibration, Corrosion Resistant. Standards: DIN 6798 Temperature Range: 250°C / 400°C Max Material: BZP Steel or 316 (A4) Stainless Steel



Zinc Plated	Stainless Steel	Gland Entry	ID (A)	OD (B)	No of Teeth	Pack QTY
M16WSER	SSM16WSER	M16	17.3	25.5	16.0	100
M20WSER	SSM20WSER	M20	21.3	32.5	16.0	100
M25WSER	SSM25WSER	M25	25.3	37.5	16.0	100
M32WSER	SSM32WSER	M32	33.0	48.0	18.0	100
M40WSER	SSM40WSER	M40	41.0	60.0	20.0	50
M50WSER	SSM50WSER	M50	51.0	71.0	24.0	50
M63WSER	SSM63WSER	M63	64.0	87.0	30.0	25
M75WSER	SSM75WSER	M75	76.0	102.0	34.0	10





• 316 Stainless Steel

Earthing Lightning

MICC Cable

Fixing & Tooling & Cable Ties Security Cable Prep & Acc

Accessories | EARTH TAGS

EARTH TAGS

Earth Tags

Earth tags provide an earth bond attachment for cable glands, similar to the ones found in conventional plugs. In the case of a fault, the earth tag safely channels the electricity towards the ground, keeping anyone coming into contact with the cable gland away from harm. Earth tags are standard for all cable gland set-ups, as specified in BS 6121 Part 5:1993 and EN50262:1999.

Design

- Designed to work with ISO Metric, British Imperial and NPT Thread Forms.
- Fast and easy installation.
- Excellent chemical resistance with nickel plating and stainless steel.

Material Selection

- Brass CZ108 HH Brass or marine grade electroless nickel plated corrosion resistant finish.
- Aluminium Aluminium alloy 6082 is a medium strength alloy with excellent corrosion resistance. It has the highest strength of the 6000 series alloys. Alloy 6082 is known as a structural alloy.
- Stainless Steel Corrosion resistant 316 grade Stainless Steel.



Aluminium Earth Tags

Aluminium for use with aluminium cable glands. Temperature Range: -40°C to 100°C Material: Aluminium 6082 HE30



Code	Gland Entry	ID (A)	OD (B)	Length (L2)	Bolt Hole	Pack QTY
ALET16	M16	16.3	25.4	49.3	M6	100
ALET20	M20	20.3	27.0	53.4	M6	100
ALET25	M25	25.3	35.0	59.4	M6	100
ALET32	M32	32.3	45.2	77.0	M12	100
ALET40	M40	40.3	53.7	88.7	M13	50
ALET50	M50	50.5	65.2	111.0	M13	50
ALET63	M63	63.3	82.6	128.6	M13	25
ALET75	M75	76.5	95.4	141.0	M13	10

Ident & Wiring Term

EARTH TAGS ACCESSORIES

EARTH TAGS

Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Fixing & Tooling & Cable Ties Security Cable Prep & Acc

Brass Earth Tags

Temperature Range: -60°C to 200°C Material: Brass BS 2874 CZ108 HH Finish: Plain Brass or Nickel Plated

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	Brass	NICKEI Plated Brass						
	Code	Code	Gland Entry	ID (A)	OD (B)	Length (L2)	Bolt Hole	Pack QTY
	ET16	NPET16	M16	16.3	25.4	49.3	M6	100
	ET1	NPET1	M20	20.3	27.0	53.4	M6	100
<u>.</u>	ET2	NPET2	M25	25.3	35.0	59.4	M6	100
Ĕ	ET3	NPET3	M32	32.3	45.2	77.0	M12	100
Je	ET4	NPET4	M40	40.3	53.7	88.7	M13	50
2	ET5	NPET5	M50	50.5	65.2	111.0	M13	50
	ET6	NPET6	M63	63.3	82.6	128.6	M13	25
	ET7	NPET7	M75	76.5	95.4	141.0	M13	10

Brass

	Code	Code	Gland Entry	ID (A)	OD (B)	Length (L2)	Bolt Hole	Pack QTY
	ET050NPT	NPET050NPT	1⁄2" NPT	21.3	27.7	53.4	M6	100
	ET075NPT	NPET075NPT	34" NPT	26.8	35.0	59.4	M6	100
_	ET100NPT	NPET100NPT	1" NPT	33.3	45.2	77.0	M12	100
Ξ	ET125NPT	NPET125NPT	11/4" NPT	42.8	53.7	88.7	M12	100
Z	ET150NPT	NPET150NPT	11/2" NPT	48.9	65.2	111.0	M13	100
	ET200NPT	NPET200NPT	2" NPT	62.0	82.6	128.6	M13	50
	ET250NPT	NPET250NPT	21⁄2" NPT	74.0	95.4	141.0	M13	50
	ET300NPT	NPET300NPT	3" NPT	90.0	108.0	156.0	M13	25
	ET350NPT	NPET350NPT	31⁄2" NPT	102.2	127.0	190.0	M13	10

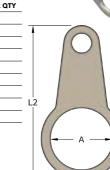
Stainless Steel Earth Tags Temperature Range: -100°C to 400°C

Material: 316 (A4) Stainless Steel



	Code	Gland Entry	ID (A)	OD (B)	Length (L2)	Bolt Hole	Pack QTY
	SSET16	M16	16.3	25.4	49.3	M6	100
	SSET1	M20	20.3	27.0	53.4	M6	100
<u>ں</u>	SSET2	M25	25.3	35.0	59.4	M6	100
Ĕ	SSET3	M32	32.3	45.2	77.0	M12	100
Met	SSET4	M40	40.3	53.7	88.7	M13	50
2	SSET5	M50	50.5	65.2	111.0	M13	50
	SSET6	M63	63.3	82.6	128.6	M13	25
	SSET7	M75	76.5	95.4	141.0	M13	10

	Code	Gland Entry	ID (A)	OD (B)	Length (L2)	Bolt Hole	Pack QTY
	SSET050NPT	½" NPT	21.3	27.7	53.4	M6	100
	SSET075NPT	¾" NPT	26.8	35.0	59.4	M6	100
	SSET100NPT	1" NPT	33.3	45.2	77.0	M12	100
F	SSET125NPT	11/4" NPT	41.8	53.7	88.7	M12	100
Ë	SSET150NPT	11/2" NPT	48.9	65.2	111.0	M13	100
_	SSET200NPT	2" NPT	62.0	82.6	128.6	M13	50
	SSET250NPT	21/2" NPT	74.0	95.4	141.0	M13	50
	SSET300NPT	3" NPT	90.0	108.0	156.0	M13	25
	SSET350NPT	31/2" NPT	102.2	127.0	190.0	M13	10





В

Call the Remora sales team at 01226 352 000

2)	Bolt Hole	Pack QTY
	M6	100
	M6	100
	M6	100
	M12	100
	M13	50
	M13	50
	M13	25
	M13	10
	M13	10
2)	M13 Bolt Hole	
)		
)	Bolt Hole	Pack QTY
)	Bolt Hole	Pack QTY 100
)	Bolt Hole M6 M6	Pack QTY 100 100
2)	Bolt Hole M6 M6 M12	Pack QTY 100 100 100
2)	Bolt Hole M6 M12 M12	Pack QTY 100 100 100 100
2)	Bolt Hole M6 M6 M12 M12 M13	Pack QTY 100 100 100 100 100
2)	Bolt Hole M6 M12 M12 M13 M13	Pack QTY 100 100 100 100 100 50

Accessories | GLAND SHROUDS

CABLE GLAND SHROUDS

Shrouds

Cable Gland Shrouds are used during installation to cover the cable gland and provide a neat professional finish. Remora manufactures an extensive range of cable gland shrouds to suit every application. Our shrouds are manufactured from PVC, Low Smoke PVC and LSZH Halogen Free Silicone material and available in a host of colours tailored to suit your requirements.

Usage

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Shrouds are widely recommended in the design of electrical systems and often specified in site installation policies. They provide a neat and professional finish to a cable termination or pass-through. They can also offer an additional layer of protection, keeping the gland body and installation surface free from the build-up of dust and dirt. In certain circumstances however the use of shrouds may not improve corrosion resistance and the use of shrouds will not necessarily improve the IP rating of the installation.

Material Selection

PVC - PVC is a pliable, stable and long lasting plastic polymer with good electrical insulation properties. It is also highly resistance to acids, salts, bases and solvents. However in the event of a fire, the presence of chlorine in this material may make it unsuitable for use in enclosed or underground workspaces.

Low Smoke PVC - Similar to standard PVC however the inclusion of highperformance flame retardant plasticisers and low smoke additives increase safety by reducing smoke values and the release of toxic gases. Flammability to UL94 V0 and Smoke Emission to ASTM D 2843-16.

LSZH Halogen Free Silicone - The gold standard in material selection for shrouds. Silicone offers low chemical reactivity, low thermal and electrical conductivity and high thermal stability; while most importantly, offering low toxicity. Making it ideal for use in critical safety installations and public spaces.

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

CABLE GLAND SHROUDS

PVC Shrouds

Remora PVC Shrouds are manufactured from PVC and are designed to reduce the accumulation of foreign substances and dust. Available in Standard and Low Smoke PVC material. **Temperature Range:** -40°C to 65°C **Material:** PVC / Low Smoke PVC



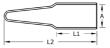


Standard	Low Smoke PVC	Reference		Parallel	Overall	
Code	Code	Size	ID (A)	Length (L1)	Length (L2)	Pack QTY
R0	ROLS	0 - M20s	24.0	60.0	130.0	100
SF0	SFOLS	0 - M20s	24.0	40.0	85.0	100
SF1	SF1LS	1 - M20	30.0	55.0	110.0	100
SF2	SF2LS	2 - M25	40.0	60.0	120.0	100
SF3	SF3LS	3 - M32	45.0	60.0	150.0	100
SF4	SF4LS	4 - M40	53.0	60.0	145.0	50
SF5	SF5LS	5 - M50	70.0	80.0	170.0	25
SF6	SF6LS	6 - M63	90.0	80.0	220.0	25
SF7	SF7LS	7 - M75	103.0	100.0	240.0	10
SF8	SF8LS	8 - M80	106.0	170.0	284.0	2
SF9	SF9LS	9 - M90	117.0	170.0	300.0	2
SF10	SF10LS	10 - M100	140.0	130.0	265.0	2

Long Body PVC Shrouds

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Remora Long Body Universal PVC Shrouds are designed to suit longer style cable glands. **Temperature Range:** -40°C to 65°C **Material:** PVC



Standard	Reference	Hawke		Parallel	Overall	
Code	Size	Size	ID (A)	Length (L1)	Length (L2)	Pack QTY
AR0	0 - M20s	0 - M20s	29.0	90.0	150.0	100
AR1	1 - M20	A - M20	33.0	90.0	150.0	100
AR2	2 - M25	B - M25	41.0	100.0	165.0	100
AR3	3 - M32	C - M32	53.0	100.0	170.0	100
AR4	4 - M40	C2 - M40	60.0	100.0	165.0	50
AR5	5 - M50	D - M50	70.0	130.0	220.0	25
AR6	6 - M63	E - M63	90.0	125.0	220.0	25



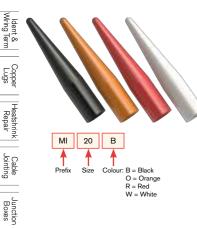


Ident & Wiring Term

MICC Cable

Accessories | GLAND SHROUDS

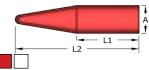
CABLE GLAND SHROUDS



PVC Mineral Gland Shrouds (MICC Glands) Remora Mineral Shrouds are manufactured from PVC and are designed to cover the mineral cable glands, giving a neat and safe professional finish. Available in Standard and LS material.

Temperature Range: -40°C to 65°C Material: PVC / LS PVC Colour: Black, Orange, Red, White

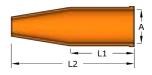
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Standard	Low Smoke PVC	Reference		Parallel	Overall	
Code	Code	Size	ID (A)	Length (L1)	Length (L2)	Pack QTY
MI20*	MI20*LS	M20	22.0	40.0	132.0	100
MI25*	MI25*LS	M25	26.0	61.0	146.0	100
MI32*	MI32*LS	M32	35.0	58.0	142.0	50

LSZH Silicone Shrouds (MICC Glands)

LSZH Silicone Shrouds are Low Smoke Zero Halogen shrouds which can be used to cover the cable glands, giving a neat and safe professional finish. Designed to suit MICC Cable Glands. Injection moulded from LSZH Silicone material. Protection: Halogen Free Temperature Range: -60°C to 250°C Material: LSZH Silicone Colour: Black, Orange, Red, White



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	Reference		Parallel	Overall	
Code	Size	ID (A)	Length (L1)	Length (L2)	Pack QTY
MI20*LST	M20	20.0	41.0	91.0	100
MI25*LST	M25	27.0	41.0	91.0	100
MI32*LST	M32	38.0	41.0	117.0	50

Flexible Conduit

Cable Glands



O = Orange R = Red

W = White

GLAND SHROUDS ACCESSORIES

LSZH Silicone Shrouds

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LSZH Silicone Shrouds are Low Smoke Zero Halogen shrouds. Designed to suit ArmaKit cable glands. Injection moulded from LSZH Silicone material. Protection: Halogen Free Temperature Range: -60°C to 250°C Material: LSZH Silicone Colour: Grey-Blue



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Size	A2 (p.124)	BW (p.125)	CW (p.127)	RXT (p.129)
M16	LSZH-RABS025055			
M20SS	LSZH-RABS025055	LSZH-RABS022050	LSZH-RCEL024075	
M20S	LSZH-RABS025055	LSZH-RABS022050	LSZH-RCEL024075	LSZH-RCEL024075
M20	LSZH-RABS022050	LSZH-RCEL024075	LSZH-RCEL028080	LSZH-RCEL028080
M25	LSZH-RABS030058	LSZH-RABS030058	LSZH-RCEL033082	LSZH-RCEL033082
M32	LSZH-RCEL042104	LSZH-RABS035062	LSZH-EF042141	LSZH-RCEL042104
M40	LSZH-AF046116	LSZH-RABS049072	LSZH-RCEL051154	
M50S	LSZH-AF055130	LSZH-AF055130	LSZH-EF060170	
M50	LSZH-AF060130	LSZH-AF060130	LSZH-RCEL067145	
M63S	LSZH-AF075142	LSZH-AF068130	LSZH-EF075192	
M63	LSZH-AF075142	LSZH-AF075142	LSZH-EF080192	
M75S	LSZH-AF080142	LSZH-AF095165	LSZH-EF090220	
M75	LSZH-AF085165	LSZH-AF095165	LSZH-EF102240	



Heatshrink Copper Ident & Repair Lugs Wing Term

Cable

Junction Boxes

Flexible Conduit



Earthing Lightning



Challenge us - We find a solution

Cable Cleats | SECTION CONTENTS

CABLE CLEATS

Cable Cleats

Cable Cleat Systems

"A cable cleat is a device designed to provide securing of cables when installed at intervals along the length of cables"

~ IEC 61914 Cable Cleats for Electrical Installations

Cable cleats are used to clamp and retain cables in various configurations, industries and applications this includes single, trefoil, quad and multiple cable bundles for all cable diameters and applications. The importance of the role the cleat plays in supporting an retaining the cable cannot be understated. With the publication of IEC standard 61914 the requirements for cable cleating was codified, highlighting the necessity for minimum standards of cable management systems and the potential risk to human life that can occur in the absence of quality cable cleats.

Standard: Standard Polypropylene has remarkable properties which include high tensile strength, low density (weight saving), chemical inertness and resistance to abrasion. This material is typically used for industrial applications where less harsh conditions exist.

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Standard

Low Smoke Zero Halogen: Flame retardant polymer, free of halogens and elemental phosphorus. It has excellent flame retardant properties and passes the most stringent tests for smoke and toxic fume emissions.

Metallic: Metallic cable cleats cover both Aluminium and Stainless Steel products;

Aluminium LM6 features good all-round performance characteristics including mechanical strength, durability, corrosion resistance and flame retardancy. This low density material offers excellent resistance to corrosion due to a thin surface layer of aluminium oxide that forms when the metal is exposed to air, effectively preventing further oxidation.

Our Stainless Steel range of cable cleats are manufactured from type 316L stainless steel. Type 316L is more resistant to corrosion and pitting than lower grade stainless steels, and offers excellent tensile strength, resistance to high temperatures and protection against the harshest environmental conditions. Stainless steel cable cleats are specified for low, medium and high voltage cable support in the oil, gas, petrochemical, power, offshore, marine, rail and construction industries.

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

SECTION CONTENTS | Cable Cleats

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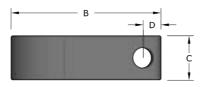
Cable Cleats | PLASTIC ONE-PART

CABLE CLEATS



Standard Polypropylene LSZH Polypropylene

The Clingstrap Cable Cleat is a comprehensive range of single fixing cable cleats to provide a simple, but strong means of securing cables. Suitable for use with cables or pipes up to 5.0 - 50.8mm in diameter.







Clingstrap Cleats

- Fastening/fitting/routing single and multiple conductor low and medium voltage cables
- · Excellent weathering and high resistance to ultraviolet light
- Excellent stiffness
- Fully recyclable

Standards: European Standard IEC 61914:2021 Temperature Range: -40°C to 40°C Material: Polypropylene / LSZH Polypropylene



Standard	Low Smoke	Cable Ra	inge		Dimensi	ions				
Code	Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	(D)	Pack QTY	Box QTY
C3	C3LS	5.0	7.6	M6	12.0	25.0	15.0	6.0	100	5,000
C4	C4LS	7.7	10.0	M6	14.0	27.0	15.0	7.0	100	5,000
C5	C5LS	10.1	12.7	M6	16.0	29.0	15.0	8.0	100	4,500
C6	C6LS	12.6	15.2	M6	19.0	32.0	15.0	8.0	100	3,500
C7	C7LS	15.1	17.8	M6	23.0	36.0	16.0	8.0	100	2,500
C8	C8LS	17.7	20.3	M6	24.0	38.0	19.0	8.0	100	1,800
C9	C9LS	20.2	22.8	M6	27.0	42.0	19.0	8.0	100	1,400
C10	C10LS	22.7	25.4	M6	31.0	45.0	19.0	8.0	100	1,200
C11	C11LS	25.3	27.7	M10	33.0	50.0	22.0	9.0	100	800
C12	C12LS	27.6	30.5	M10	38.0	58.0	24.0	11.0	50	500
C14	C14LS	30.4	35.5	M10	44.0	64.0	25.0	11.0	50	500
C16	C16LS	35.4	40.6	M10	49.0	70.0	25.0	11.0	50	350
C18	C18LS	40.5	45.7	M10	53.0	74.0	25.0	11.0	50	300
C20	C20LS	45.6	50.8	M10	57.0	80.0	26.0	11.0	50	300

PLASTIC ONE-PART | Cable Cleats

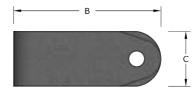
CABLE CLEATS



Industrial 17 One-Part Single-Fixing

Standard Black LLDPE Black Polymeric LUL (LSZH)

Industrial 17 Cable Cleats are a comprehensive range of single fixing cable cleats to fix power cables in indoor and outdoor applications. Suitable for cable diameters 10mm to 51mm in eight sizes.



Industrial 17 Cleats

- Fastening/fitting/routing single and multiple conductor low and medium voltage cables
- Increased cable range per size for reduced stock holding
- Available in standard and LUL approved material
- Excellent weathering and high resistance to ultraviolet light

Temperature Range: -40°C to 40°C Material: Black LLDPE / LUL (LSZH)





Standard	LUL Zero Halogen	Cable Ra	nge		Dimensions					
Code	Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	Pack QTY		
17-01B	17-01LUL	10.0	15.0	M4	17.6	27.8	12.0	100		
17-02B	17-02LUL	12.0	17.0	M4	20.8	32.0	14.0	100		
17-03B	17-03LUL	15.0	20.0	M4	25.3	37.1	16.0	100		
17-04B	17-04LUL	18.0	24.0	M4	29.6	41.0	18.0	100		
17-05B	17-05LUL	22.0	29.0	M6	35.4	52.1	20.0	50		
17-06B	17-06LUL	26.0	34.0	M6	40.9	58.2	22.0	50		
17-07B	17-07LUL	32.0	42.0	M6	49.2	69.3	25.0	25		
17-08B	17-08LUL	39.0	51.0	M6	58.5	81.7	26.0	25		

 The LUL version of this clamp is compliant with the requirement of London Underground Standard 1-085

Call the Remora sales team at 01226 352 000

Tooling & Cable Ties Cable Prep & Acc

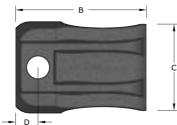
Cable Cleats | PLASTIC TWO-PART

CABLE CLEATS

Single Fixing Plastic Two-Part Single-Fixing

LSZH Nylon

The Single Fixing Two Part Clamps are designed to fit cables 10.0mm to 57.0mm diameter. Manufactured from high strength Zero halogen phosphorus free Nylon.







Plastic Two-Part Single-Fixing

- Fastening/fitting/routing single and multiple conductor low and medium voltage cables
- Excellent tensile strength
- Excellent weathering and high resistance to ultraviolet light
- Flame retardant UL94-V0
- Zero Halogen material

Standards: European Standard IEC 61914:2021 Temperature Range: -40°C to 60°C Material: Black Flame Retardant V0 Zero Halogen Phosphorus Free Nylon (LSZH)



Low Smoke	Cable Rar	ıge		Dimensions						
Code	Min Max		Stud Hole Size	(A)	(B)	(C)	(D)	Fixing Kit	Pack QTY	
1F10LSF	10.0	13.0	M10	27 - 30	37.8	41.4	10.2	SBFK10-100	100	
1F11LSF	13.0	16.0	M10	30 - 33	41.2	41.4	10.4	SBFK10-100	100	
1F12LSF	16.0	19.0	M10	33 - 36	44.3	41.4	10.7	SBFK10-100	100	
1F13LSF	19.0	23.0	M10	36 - 40	48.2	41.4	10.9	SBFK10-100	100	
1F14LSF	23.0	27.0	M10	40 - 44	52.2	41.4	11.3	SBFK10-100	100	
1F15LSF	27.0	32.0	M10	44 - 49	57.1	41.4	11.6	SBFK10-100	100	
1F16LSF	32.0	38.0	M10	49 - 55	63.1	41.4	12.1	SBFK10-100	100	
1F17LSF	38.0	46.0	M10	58 - 66	71.3	41.4	12.9	SBFK10-125	50	
1F18LSF	46.0	51.0	M10	67 -73	77.3	41.4	13.5	SBFK10-125	50	
1F19LSF	51.0	57.0	M10	72 - 78	83.2	41.4	13.9	SBFK10-125	50	



PLASTIC TWO-PART Cable Cleats

CABLE CLEATS

C



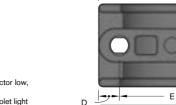
Dual-Fixing Plastic Two-Part Dual-Fixing

Standard Polypropylene LSZH Polypropylene

The TC Two Hole Cable Clamps are a range of two hole fixing, two part cleats designed to fit cables 41mm to 135mm diameter. Manufactured from high strength polypropylene and designed to be easily stacked to save time and space.

в

Single



Dual Fixing - Plastic

- Fastening/fitting/routing single and multiple conductor low, medium and high voltage cables
- · Excellent weathering and high resistance to ultraviolet light
- Excellent stiffness
- Excellent tensile strength
- Fully recyclable
- Underwriters Laboratories UL94-V0
- Zero Halogen material (LSZH Polypropylene)

Standards: European Standard IEC 61914:2021 Temperature Range: -40°C to 40°C Material: Polypropylene / LSZH Polypropylene



Standard	Low Smoke	Cable Range			Dimensi	ions					
Code	Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	(D)	(E)	Fixing Kit	Pack QTY
TC8	TC8LS	41.0	48.0	2 x M10	62.0	97.0	58.0	12.0	75.0	DBFK10-100	100
TC9	TC9LS	48.0	57.0	2 x M10	64.0	99.0	59.0	13.0	76.2	DBFK10-125	100
TC10	TC10LS	57.0	64.0	2 x M10	70.0	104.0	59.0	15.0	76.2	DBFK10-125	100
TC11	TC11LS	64.0	70.0	2 x M10	81.0	134.0	63.0	12.0	114.3	DBFK10-150	50
TC12	TC12LS	70.0	76.0	2 x M10	87.0	135.0	63.0	12.0	114.3	DBFK10-150	50
TC14	TC14LS	76.0	85.0	2 x M10	93.0	135.5	63.0	12.0	114.3	DBFK10-150	50
TC15	TC15LS	85.0	105.0	2 x M10	108.0	179.0	74.0	17.0	147.0	DBFK10-200	25
TC16	TC16LS	105.0	112.0	2 x M10	130.0	161.0	54.0	13.0	135.0	DBFK10-200	25
TC17	TC17LS	112.0	120.0	2 x M10	138.0	169.0	54.0	13.0	143.0	DBFK10-200	10
TC18	TC18LS	120.0	128.0	2 x M10	148.0	177.0	54.0	13.0	151.0	DBFK10-200	10
TC19	TC19LS	128.0	135.0	2 x M10	158.0	185.0	54.0	13.0	158.0	DBFK10-200	10



Fixing Kit (see p.206)

Challenge us - We find a solution

Cable Cleats

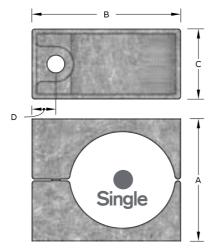
Cable Cleats | METALLIC TWO-PART

METALLIC CABLE CLEATS

Single Fixing Aluminium Two-Part Single-Fixing

LM6 Aluminium

The One Hole Cable Clamps are designed to fix cables 10mm to 70mm diameter. Manufactured from LM6 aluminium to BS1490. They are fully stackable and specifically designed to mount directly to channel, ladder or any flat surface.





Single Fixing - Aluminium

- Fastening/fitting/routing single and multiple conductor low, medium and high voltage cables
- · Excellent weathering and corrosion resistance
- Excellent stiffness
- Excellent tensile strength
- Fully recyclable

Standards: European Standard IEC 61914:2021 Temperature Range: -60°C to 100°C Material: Aluminium LM6 (BS 1490)



Aluminium	Cable Rai	nge	Dimensions					
Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	(D)	Fixing Kit
1ALM1	10.0	13.0	M10	28.0	42.0	43.0	17.0	SBFK10-100
1ALM2	13.0	16.0	M10	30.0	44.0	43.0	17.0	SBFK10-100
1ALM3	16.0	19.0	M10	32.0	48.0	43.0	17.0	SBFK10-100
1ALM4	19.0	22.0	M10	34.0	50.0	43.0	17.0	SBFK10-100
1ALM5	22.0	25.0	M10	36.0	53.0	43.0	17.0	SBFK10-100
1ALM6	25.0	32.0	M10	39.0	59.0	43.0	17.0	SBFK10-100
1ALM7	32.0	38.0	M10	44.0	65.0	43.0	17.0	SBFK10-100
1ALM8	38.0	44.0	M10	50.0	71.0	43.0	14.0	SBFK10-100
1ALM9	44.0	51.0	M10	57.0	78.0	43.0	14.0	SBFK10-125
1ALM10	51.0	57.0	M10	68.0	84.0	43.0	14.0	SBFK10-125
1ALM11	57.0	64.0	M10	75.0	91.0	43.0	14.0	SBFK10-125
1ALM12	64.0	70.0	M10	81.0	97.0	43.0	14.0	SBFK10-125



METALLIC TWO-PART | Cable Cleats

METALLIC CABLE CLEATS

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

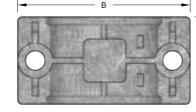
Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Dual-Fixing

LM6 Aluminium

The Two Hole Cable Clamps are designed to fix cables 51mm to 120mm diameter. Manufactured from LM6 aluminium to BS1490. They are fully stackable and specifically designed to mount directly to channel, ladder or any flat surface.

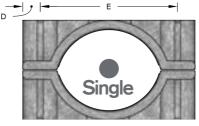


Dual Fixing - Aluminium

- Fastening/fitting/routing single and multiple conductor low, medium and high voltage cables
- Excellent weathering and corrosion resistance
- Excellent stiffness
- Excellent tensile strength
- Fully recyclable

Standards: European Standard IEC 61914:2021 Temperature Range: -60°C to 100°C Material: Aluminium LM6 (BS 1490)





Aluminium	Cable Rar	Dimensions							
Code	Min Max		Stud Hole Size	(A)	(B)	(C)	(D)	(E)	Fixing Kit
2ALM10	51.0	57.0	2 x M10	68.0	96.0	49.0	10.0	76.0	DBFK10-100
2ALM11	57.0	64.0	2 x M10	75.0	96.0	49.0	10.0	76.0	DBFK10-125
2ALM12	64.0	70.0	2 x M10	84.0	134.0	64.0	10.0	114.0	DBFK10-125
2ALM13	70.0	76.0	2 x M10	90.0	134.0	64.0	10.0	114.0	DBFK10-125
2ALM14	76.0	83.0	2 x M12	96.0	142.0	64.0	14.0	114.0	DBFK10-150
2ALM15	83.0	89.0	2 x M12	102.0	142.0	64.0	14.0	114.0	DBFK10-150
2ALM16	89.0	95.0	2 x M12	114.0	154.0	76.0	14.0	126.0	DBFK10-150
2ALM17	95.0	101.0	2 x M12	120.0	154.0	76.0	14.0	126.0	DBFK10-200
2ALM18	101.0	108.0	2 x M12	134.0	169.0	76.0	14.5	140.0	DBFK10-200
2ALM19	108.0	114.0	2 x M12	140.0	169.0	76.0	14.5	140.0	DBFK10-200
2ALM20	114.0	120.0	2 x M12	144.0	174.0	76.0	14.5	145.0	DBFK10-200

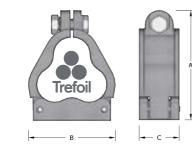


Fixing Kit (see p.206)

Challenge us - We find a solution

Cable Cleats | METALLIC TREFOIL

TREFOIL CABLE CLEATS



Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

Trefoil Single-Fixing The Aluminium Trefoil Cleat is designed

for cleating three single cables in a trefoil configuration where low to medium short circuit withstand levels are required. The range covers cables from 24.0 to 76.0mm overall diameter.





Single Bolt Fixing - Aluminium							
Standards: European Standard IEC 61914:2021							
Temperature Range: -60°C to 100°C							
Material: Aluminium LM6 (BS 1490)							

Aluminium	Cable Ran	ge		Dimensi	ons			
Code	Min	Max	Stud Hole Size	(A)	(B)	(C)	Weight (g)	Fixing Kit
376AC01	24.0	25.0	M10	94.0	75.0	38.0	234	TCFK10-25
376AC02	25.0	27.0	M10	97.0	75.0	38.0	241	TCFK10-25
376AC03	27.0	28.0	M10	100.0	75.0	38.0	248	TCFK10-25
376AC04	28.0	30.0	M10	103.0	76.0	38.0	255	TCFK10-25
376AC05	30.0	32.0	M10	105.0	79.0	38.0	269	TCFK10-25
376AC06	32.0	34.0	M10	106.0	83.0	38.0	284	TCFK10-25
376AC07	34.0	35.0	M10	109.0	86.0	38.0	291	TCFK10-25
376AC08	35.0	36.0	M10	113.0	89.0	38.0	298	TCFK10-25
376AC09	36.0	38.0	M10	116.0	92.0	38.0	305	TCFK10-25
376AC10	38.0	40.0	M10	119.0	95.0	38.0	312	TCFK10-25
376AC11	40.0	41.0	M10	122.0	99.0	38.0	319	TCFK10-25
376AC12	41.0	43.0	M10	124.0	105.0	38.0	326	TCFK10-25
376AC13	43.0	44.0	M10	127.0	108.0	38.0	340	TCFK10-25
376AC14	44.0	46.0	M10	130.0	112.0	38.0	354	TCFK10-25
376AC15	46.0	48.0	M10	133.0	114.0	38.0	361	TCFK10-25
376AC16	48.0	49.0	M10	137.0	118.0	38.0	369	TCFK10-25
376AC17	49.0	51.0	M10	140.0	121.0	38.0	376	TCFK10-25
376AC18	51.0	53.0	M10	143.0	124.0	38.0	383	TCFK10-25
376AC19	53.0	54.0	M10	146.0	127.0	38.0	390	TCFK10-25
376AC20	54.0	55.5	M10	155.0	133.0	44.0	503	TCFK10-25
376AC21	55.5	57.0	M10	158.0	137.0	44.0	517	TCFK10-25
376AC22	57.0	59.0	M10	160.0	141.0	44.0	532	TCFK10-25
376AC23	59.0	60.0	M10	163.0	145.0	44.0	546	TCFK10-25
376AC24	60.0	62.0	M10	165.0	148.0	44.0	552	TCFK10-25
376AC25	62.0	63.5	M10	168.0	152.0	44.0	567	TCFK10-25
376AC26	63.5	65.0	M10	172.0	156.0	44.0	581	TCFK10-25
376AC27	65.0	66.5	M10	176.0	160.0	44.0	602	TCFK10-25
376AC28	66.5	68.0	M10	178.0	164.0	44.0	624	TCFK10-25
376AC29	68.0	70.0	M10	181.0	168.0	44.0	652	TCFK10-25
376AC30	70.0	71.5	M10	187.0	171.0	44.0	680	TCFK10-25
376AC31	71.5	73.0	M10	190.0	175.0	44.0	695	TCFK10-25
376AC32	73.0	74.5	M10	193.0	179.0	44.0	709	TCFK10-25
376AC33	74.5	76.0	M10	197.0	183.0	44.0	722	TCFK10-25

METALLIC TREFOIL Cable Cleats



Cable Range

Max

25.0

27.0

62.0

63.5

65.0

66.5

68.0

70.0

71.5

73.0

74.5

76.0

Min

24.0

25.0

60.0

62.0

63.5

65.0

66.5

68.0

70.0

71.5

73.0

74.5

Aluminium

Code

376AB01

376AB02

376AB24

376AB25

376AB26

376AB27

376AB28

376AB29

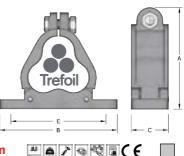
376AB30

376AB31

376AB32

376AB33

TREFOIL CABLE CLEATS



Weight (g)

276

284

Cable Jointing

Heatshrink Repair

Ident & Wiring Term

Copper Lugs

5.0

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

😓 Call the Remora sales team at 01226 352 000 197

162.0

165.0

168.0

170.0

173.0

176.0

183.0

186.0

188.0

191.0

617

631

645

667

687

716

745

758

773

787

376AB03	27.0	28.0	2 x M10	100.0	128.0	38.0	102.0	291
376AB04	28.0	30.0	2 x M10	103.0	130.0	38.0	104.0	298
376AB05	30.0	32.0	2 x M10	105.0	133.0	38.0	107.0	305
376AB06	32.0	34.0	2 x M10	106.0	135.0	38.0	109.0	312
376AB07	34.0	35.0	2 x M10	109.0	137.0	38.0	110.0	319
376AB08	35.0	36.0	2 x M10	113.0	138.0	38.0	113.0	326
376AB09	36.0	38.0	2 x M10	116.0	140.0	38.0	114.0	333
376AB10	38.0	40.0	2 x M10	119.0	145.0	38.0	118.0	340
376AB11	40.0	41.0	2 x M10	122.0	147.0	38.0	121.0	347
376AB12	41.0	43.0	2 x M10	124.0	149.0	38.0	123.0	354
376AB13	43.0	44.0	2 x M10	127.0	150.0	38.0	124.0	369
376AB14	44.0	46.0	2 x M10	130.0	154.0	38.0	128.0	383
376AB15	46.0	48.0	2 x M10	133.0	156.0	38.0	129.0	390
376AB16	48.0	49.0	2 x M10	137.0	159.0	38.0	133.0	397
376AB17	49.0	51.0	2 x M10	140.0	165.0	38.0	135.0	404
376AB18	51.0	53.0	2 x M10	143.0	165.0	38.0	137.0	411
376AB19	53.0	54.0	2 x M10	146.0	172.0	38.0	141.0	418
376AB20	54.0	55.5	2 x M10	155.0	183.0	44.0	152.0	560
376AB21	55.5	57.0	2 x M10	158.0	187.0	44.0	155.0	574
376AB22	57.0	59.0	2 x M10	160.0	189.0	44.0	157.0	588
376AB23	59.0	60.0	2 x M10	163.0	191.0	44.0	160.0	602

Stud Hole Size

2 x M10

Irefoil Dual-Fixing Two Bolt Fixing Aluminium Trefoil Cleat is designed for cleating three single

cables in a trefoil configuration where low to medium short circuit withstand levels are required. The range covers cables from 24mm to 76mm overall diameter.

Dual Bolt Fixing - Aluminium

Standards: European Standard IEC 61914:202 Temperature Range: -60°C to 100°C Material: Aluminium LM6 (BS 1490)

(A)

94.0

97.0

165.0

168.0

172.0

176.0

178.0

181.0

187.0

190.0

193.0

197.0

194.0

196.0

199.0

202.0

205.0

208.0

215.0

217.0

220.0

222.0

44.0

44.0

44.0

44.0

44.0

44.0

44.0

44.0

44.0

44.0

Dimensions

(B)

128.0

128.0

(C)

38.0

38.0

(E)

102.0

102.0

Cable Cleats | PLASTIC TREFOIL

TREFOIL CABLE CLEATS

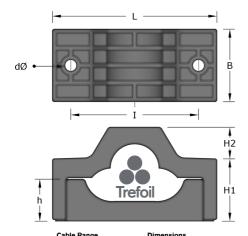
Tri-eco Dual-Fixing

Glass Fibre Reinforced Polyamide

The TRI eco Trefoil Clamp is designed for cleating three single cables in a trefoil configuration where low to medium short circuit withstand levels are required. The range is covered by four sizes and covers cables from 24.0 to 82.0mm overall diameter.

Glass fibre reinforced Polyamide provides high mechanical and chemical resistance. Designed to provide superior mechanical strength, ideal for installations where the cables are subject to short circuit rating. The width of the clamping-area provides a controlled pressure on the cable and avoids damage to the isolation. Fire resistant and resistant to UV radiation and therefore suitable for indoor and outdoor use. No alteration of strength and signs of degrading within temperatures ranges from -80°C to +120°C. (Shortly up to +225°) Resistance to different amounts of radiation makes our products ideal for use in various areas of nuclear power plants. Its unique blend of chemical, electrical and physical properties makes it suitable for a wide range of industrial applications





Non Metallic Trefoil Cleat

- Cleating three single core cables in trefoil configuration where low to medium short circuit withstand levels are required
- Excellent weathering and corrosion resistance
- Fire and UV radiation resistant
- Excellent tensile strength
- Excellent stiffness

 Standards:
 European Standard IEC 61914:2021

 Mechanical Strength:
 TRleco24-35
 15.000N

 TRleco34:346
 16.900N
 TRleco47-66
 22.300N

 TRleco67-82
 23.900N
 Flame Resistance: UL94-V0
 UL94-V0

 Temperature Range:
 -80°C to 120°C
 120°C
 Content

Material: Glass Fibre Reinforced Polyamide (PA66)



Cable Range			Dimens	Dimensions								
Code	Min	Max	(d0)	(L)	(B)	(1)	(H1)	(H2)	(h)	Fixing Kit		
TRIeco24-35	24.0	35.0	11.0	136.0	70.0	101.0	54.0-78.0	20.0	35.0	DBFK10-125		
TRIeco33-46	33.0	46.0	11.0	156.0	70.0	121.0	58.0-90.0	30.0	41.0	DBFK10-150		
TRIeco47-66	47.0	66.0	13.0	205.0	70.0	170.0	80.0-120.0	38.0	51.0	DBFK10-200		
TRIeco67-82	67.0	82.0	12.5	232.0	70.0	200.0	90.0-121.0	72.0	52.5	DBFK10-200		



Tooling & Cable Prep

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

PLASTIC TREFOIL | Cable Cleats

TREFOIL CABLE CLEATS



Tri-Trefoil Dual-Fixing Glass Fibre Reinforced Polyamide

The TRI Trefoil Clamp is designed for cleating three single cables in a trefoil configuration where low, medium or high short circuit withstand levels are required. The range is covered by five sizes and covers cables from 25.0 to 98.0mm overall diameter.

Glass fibre reinforced Polyamide provides high mechanical and chemical resistance. Designed to provide superior mechanical strength, ideal for installations where the cables are subject to short circuit rating. The width of the clamping area provides a controlled pressure on the cable and avoids damage to the isolation. Fire resistant and resistant to UV radiation and therefore suitable for indoor and outdoor use. No alteration of strength and signs of degrading within temperatures ranges from -80°C to +150°C. (Shortly up to +220°) Resistance to different amounts of radiation makes our products ideal for use in various areas of nuclear power plants. Its unique blend of chemical, electrical and physical properties makes it suitable for a wide range of industrial applications

Non Metallic Trefoil Cleat

- Cleating three single core cables in trefoil configuration where low, medium and high short circuit withstand levels are required
- Excellent weathering and corrosion resistance
- · Fire and UV radiation resistant
- Excellent tensile strength
- Excellent stiffness

 Standards:
 European Standard IEC 61914:2021

 Mechanical Strength:
 TR125-40 40.000N

 TR135-53 48.800N
 TR135-53 48.800N

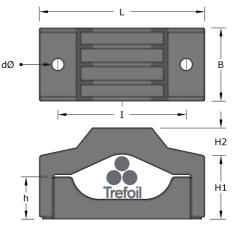
 TR153-66 69.000N
 TR167-82 55.600N

 TR182-98 52.900N
 TR182-98 52.900N

 Flame Resistance:
 UL94-V0

Temperature Range: -80°C to 120°C Material: Glass Fibre Reinforced Polyamide





	Cable Ra	Cable Range		Dimensions								
Code	Min	Max	(d0)	(L)	(B)	(I)	(H1)	(H2)	(h)	Fixing Kit		
TRI25-40	25.0	40.0	14.5	160.0	75.0	125.0	68.0-95.0	14.0	38.0	DBFK10-150		
TRI38-53	38.0	53.0	15.0	183.0	78.0	145.0	82.0-116.0	23.0	41.0	DBFK10-200		
TRI53-66	53.0	66.0	15.0	216.0	80.0	169.0	100.0-120.0	44.0	44.0	DBFK10-200		
TRI67-82	67.0	82.0	16.5	250.0	90.0	200.0	130.0-164.0	44.3	61.5	DBFK10-225		
TRI82-98	82.0	98.0	16.5	282.0	100.0	234.0	125.0-160.0	79.0	69.5	DBFK10-225		



Challenge us - We find a solution

Challenge us - We find a solution

Cable Cleats | METALLIC SINGLE / TREFOIL / QUAD

STAINLESS STEEL CABLE CLEATS

Vulcan+ Single or Dual-Fixing

Vulcan+ cleats have a unique compact design so they can be easily installed, even when space is limited. Vulcan+ cleats are available in multiple sizes with rangetaking capability, to suit trefoil, single, quad or bundled cables.

Manufactured in Type 316L Stainless Steel, Vulcan offer excellent protection against the harshest environmental conditions. To protect and cushion the cables during short-circuit conditions, the cleat comes with an integral Low Smoke and Fume Zero Halogen Polymeric liner and base pad.

We recommend fixing VRT+ using one 10mm bolt for sizes 00 to 09, and one or two 10mm bolts for sizes 10 to 20. Alternative bolt recommendations on request.

all Cable Denne





316 Stainless Steel Trefoil Cleat

- Compact design
- · Excellent weathering and corrosion resistance
- · Excellent tensile strength
- Excellent stiffness
- Standards: European Standard IEC 61914:2021

ABS DNV Type Approved, UL Listed Max Short-Circuit: 104kA 600mm Spacing 132kA 300mm Spacing Temperature Range: -40°C to 60°C

Material: 316L Stainless Steel / Polymeric Liner/Base Pad



	Trefoil Cable Range Single Cable Range Dimensions										
Code	Min	Max	Min	Max	(A)	(B)	(C)	(E)	Fixing Holes	Weight (g)	Fixing Kit
VRT+00B	-	-	18.0	28.0	93.0	64.0	54.0	N/A	1 x M10	280	TCFK10-25
VRT+00A	15.0	18.0	26.0	30.0	93.0	64.0	54.0	N/A	1 x M10	287	TCFK10-25
VRT+00	19.0	24.0	30.0	42.0	93.0	60.0	54.0	N/A	1 x M10	251	TCFK10-25
VRT+01	23.0	28.0	38.0	50.0	98.0	63.0	54.0	N/A	1 x M10	258	TCFK10-25
VRT+02	27.0	32.0	43.0	58.0	106.0	72.0	54.0	N/A	1 x M10	269	TCFK10-25
VRT+03	30.0	35.0	49.0	64.0	112.0	79.0	54.0	N/A	1 x M10	279	TCFK10-25
VRT+04	33.0	38.0	55.0	70.0	118.0	85.0	54.0	N/A	1 x M10	284	TCFK10-25
VRT+05	36.0	42.0	58.0	75.0	125.0	96.0	54.0	N/A	1 x M10	319	TCFK10-25
VRT+06	40.0	46.0	63.0	84.0	133.0	105.0	54.0	N/A	1 x M10	331	TCFK10-25
VRT+07	44.0	50.0	73.0	90.0	140.0	112.0	54.0	N/A	1 x M10	391	TCFK10-2
VRT+08	48.0	55.0	83.0	100.0	149.0	121.0	54.0	N/A	1 x M10	405	TCFK10-2
VRT+09	51.0	58.0	86.0	104.0	154.0	126.0	54.0	N/A	1 x M10	411	TCFK10-2
VRT+10	55.0	62.0	88.0	110.0	162.0	134.0	54.0	50.0	3 x M10	442	TCFK10-2
VRT+11	59.0	66.0	90.0	115.0	170.0	143.0	54.0	50.0	3 x M10	453	TCFK10-2
VRT+12	63.0	70.0	100.0	125.0	177.0	152.0	54.0	50.0	3 x M10	460	TCFK10-28
VRT+13	67.0	74.0	107.0	132.0	185.0	161.0	54.0	75.0	3 x M10	524	TCFK10-25
VRT+14	71.0	78.0	120.0	145.0	192.0	169.0	54.0	75.0	3 x M10	536	TCFK10-28
VRT+15	74.0	82.0	125.0	150.0	199.0	176.0	54.0	75.0	3 x M10	542	TCFK10-25
VRT+16	77.0	85.0	132.0	153.0	205.0	183.0	54.0	75.0	3 x M10	544	TCFK10-25
VRT+17	81.0	89.0	136.0	156.0	216.0	190.0	54.0	75.0	3 x M10	618	TCFK10-2
VRT+18	85.0	93.0	139.0	159.0	225.0	200.0	54.0	75.0	3 x M10	628	TCFK10-25
VRT+19	89.0	97.0	142.0	162.0	235.0	200.0	54.0	75.0	3 x M10	637	TCFK10-2
VRT+20	93.0	101.0	160.0	170.0	240.0	215.0	54.0	75.0	3 x M10	646	TCFK10-25

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Tooling & Cable Prep

Fixing & Security

All dimensions in mm except where stated

200

le Junction Cable Heatshrink Copper Ident & int Boxes Jointing Repair Lugs Whing Term

Flexible Conduit

Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

METALLIC SINGLE / TREFOIL / O	QUAD I Cable	Cleats
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316L Stainless Steel Quad Cleat

- Compact design
- Excellent weathering and corrosion resistance
- Excellent tensile strength
- Excellent stiffness
- Standards: European Standard IEC 61914:2021
- ABS DNV Type Approved, UL Listed Max Short-Circuit: 104kA 600mm Spacing
 - 132kA 300mm Spacing

Temperature Range: -40°C to 60°C Material: 316L Stainless Steel / Polymeric Liner/Base Pad

Qued Cable Danas

STAINLESS STEEL CABLE CLEATS

Vulcan+ Quad Single or Dual-Fixing

Vulcan+ Quad cleats have a unique compact design so they can be easily installed, even when space is limited. Vulcan+ cleats are available in multiple sizes with range-taking capability, to suit trefoil, single, quad or bundled cables.

Manufactured in Type 316L Stainless Steel, Vulcan offer excellent protection against the harshest environmental conditions. To protect and cushion the cables during short-circuit conditions, the cleat comes with an integral Low Smoke and Fume Zero Halogen Polymeric liner and base pad.

We recommend fixing VRQ+ using one 10mm bolt for sizes 01 to 06, and one or two 10mm bolts for sizes 07 to 09. Alternative bolt recommendations on request.





Quad Cabi	Ible Range Dimensions				Dimensions				
Min	Max	(A)	(B)	(C)	(E)	Fixing Holes	Weight (g)	Fixing Kit	
10.0	13.0	93.0	63.0	54.0	N/A	1 x M10	287	TCFK10-25	
13.0	18.0	97.0	67.0	54.0	N/A	1 x M10	280	TCFK10-25	
18.0	20.0	106.0	70.0	54.0	N/A	1 x M10	291	TCFK10-25	
19.0	25.0	113.0	74.0	54.0	N/A	1 x M10	317	TCFK10-25	
23.0	25.0	110.0	68.0	54.0	N/A	1 x M10	284	TCFK10-25	
26.0	27.0	113.0	70.0	54.0	N/A	1 x M10	286	TCFK10-25	
28.0	31.0	128.0	78.0	54.0	N/A	1 x M10	318	TCFK10-25	
31.0	35.0	138.0	90.0	54.0	N/A	1 x M10	350	TCFK10-25	
35.0	42.0	148.0	103.0	54.0	N/A	1 x M10	378	TCFK10-25	
43.0	47.0	165.0	120.0	54.0	N/A	1 x M10	452	TCFK10-25	
48.0	50.0	170.0	121.0	54.0	N/A	1 x M10	467	TCFK10-25	
51.0	57.0	190.0	140.0	54.0	50.0	3 x M10	486	TCFK10-25	
58.0	63.0	200.0	150.0	54.0	50.0	3 x M10	499	TCFK10-25	
64.0	70.0	218.0	170.0	54.0	75.0	3 x M10	581	TCFK10-25	
	Min 10.0 13.0 18.0 19.0 23.0 26.0 28.0 31.0 35.0 43.0 43.0 51.0 58.0	10.0 13.0 13.0 18.0 18.0 20.0 19.0 25.0 23.0 25.0 26.0 27.0 28.0 31.0 31.0 35.0 42.0 43.0 48.0 50.0 51.0 57.0 58.0 63.0	Min Max (A) 10.0 13.0 93.0 13.0 18.0 97.0 18.0 20.0 106.0 19.0 25.0 113.0 23.0 25.0 113.0 26.0 27.0 113.0 28.0 31.0 128.0 31.0 35.0 138.0 35.0 42.0 148.0 43.0 47.0 165.0 48.0 50.0 170.0 51.0 57.0 190.0 58.0 63.0 200.0	Min Max (A) (B) 10.0 13.0 93.0 63.0 13.0 18.0 97.0 67.0 18.0 20.0 106.0 70.0 19.0 25.0 113.0 74.0 23.0 25.0 110.0 68.0 26.0 27.0 113.0 70.0 28.0 31.0 128.0 78.0 31.0 35.0 138.0 90.0 35.0 42.0 148.0 103.0 43.0 47.0 165.0 120.0 48.0 50.0 170.0 121.0 51.0 57.0 190.0 140.0 58.0 63.0 200.0 150.0	Min Max (A) (B) (C) 10.0 13.0 93.0 63.0 54.0 13.0 18.0 97.0 67.0 54.0 18.0 20.0 106.0 70.0 54.0 19.0 25.0 113.0 74.0 54.0 23.0 25.0 110.0 68.0 54.0 26.0 27.0 113.0 70.0 54.0 28.0 31.0 128.0 78.0 54.0 31.0 35.0 138.0 90.0 54.0 35.0 42.0 148.0 103.0 54.0 43.0 47.0 165.0 120.0 54.0 51.0 57.0 190.0 140.0 54.0 58.0 63.0 200.0 150.0 54.0	Min Max (A) (B) (C) (E) 10.0 13.0 93.0 63.0 54.0 N/A 13.0 18.0 97.0 67.0 54.0 N/A 18.0 20.0 106.0 70.0 54.0 N/A 19.0 25.0 113.0 74.0 54.0 N/A 23.0 25.0 110.0 88.0 54.0 N/A 26.0 27.0 113.0 70.0 54.0 N/A 28.0 31.0 128.0 78.0 54.0 N/A 35.0 42.0 148.0 103.0 54.0 N/A 43.0 47.0 165.0 120.0 54.0 N/A 48.0 50.0 170.0 121.0 54.0 N/A 51.0 57.0 190.0 140.0 54.0 N/A 58.0 63.0 200.0 150.0 54.0 50.0	Min Max (A) (B) (C) (E) Fixing Holes 10.0 13.0 93.0 63.0 54.0 N/A 1 x M10 13.0 18.0 97.0 67.0 54.0 N/A 1 x M10 18.0 20.0 106.0 70.0 54.0 N/A 1 x M10 19.0 25.0 113.0 74.0 54.0 N/A 1 x M10 23.0 25.0 110.0 68.0 54.0 N/A 1 x M10 26.0 27.0 113.0 70.0 54.0 N/A 1 x M10 28.0 31.0 128.0 78.0 54.0 N/A 1 x M10 31.0 35.0 138.0 90.0 54.0 N/A 1 x M10 35.0 42.0 148.0 103.0 54.0 N/A 1 x M10 43.0 47.0 165.0 120.0 54.0 N/A 1 x M10 48.0 50.0 170.0 121.0 <t< td=""><td>Min Max (A) (B) (C) (E) Fixing Holes Weight (g) 10.0 13.0 93.0 63.0 54.0 N/A 1 x M10 287 13.0 18.0 97.0 67.0 54.0 N/A 1 x M10 280 18.0 20.0 106.0 70.0 54.0 N/A 1 x M10 291 19.0 25.0 113.0 74.0 54.0 N/A 1 x M10 317 23.0 25.0 113.0 74.0 54.0 N/A 1 x M10 284 26.0 27.0 113.0 70.0 54.0 N/A 1 x M10 286 28.0 31.0 128.0 78.0 54.0 N/A 1 x M10 318 31.0 35.0 138.0 90.0 54.0 N/A 1 x M10 378 43.0 47.0 148.0 103.0 54.0 N/A 1 x M10 378 43.0 47.0 165.</td></t<>	Min Max (A) (B) (C) (E) Fixing Holes Weight (g) 10.0 13.0 93.0 63.0 54.0 N/A 1 x M10 287 13.0 18.0 97.0 67.0 54.0 N/A 1 x M10 280 18.0 20.0 106.0 70.0 54.0 N/A 1 x M10 291 19.0 25.0 113.0 74.0 54.0 N/A 1 x M10 317 23.0 25.0 113.0 74.0 54.0 N/A 1 x M10 284 26.0 27.0 113.0 70.0 54.0 N/A 1 x M10 286 28.0 31.0 128.0 78.0 54.0 N/A 1 x M10 318 31.0 35.0 138.0 90.0 54.0 N/A 1 x M10 378 43.0 47.0 148.0 103.0 54.0 N/A 1 x M10 378 43.0 47.0 165.	

Dim



Fixing Kit (see p.206)

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

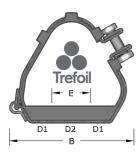
Cable Cleats | METALLIC SINGLE / TREFOIL

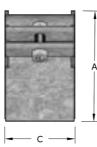
STAINLESS STEEL CABLE CLEATS

Emperor Single or Dual-Fixing

The Emperor range offers the ultimate protection against the harshest conditions, and its unique design means it can be quickly installed. Manufactured in Type 316L Stainless Steel, Emperor cleats are available in multiple sizes with range-taking capability, to suit trefoil or single cables.

To protect and cushion the cables during short circuit conditions, the cleat is supplied with an integral Low Smoke and Fume Polymeric liner and base pad. We recommend that the Emperor is fixed using either two M10 bolts, or a single M12 bolt. Alternative bolt recommendations on request.





316L Stainless Steel Trefoil Cleat

· Superior strength tensile strength

• Excellent weathering and corrosion resistance • Excellent stiffness

Standards: European Standard IEC 61914:2021 ABS DNV Type Approved, UL Listed

Max Short-Circuit:

149kA 600mm Spacing 195kA 300mm Spacing

Temperature Range: -40°C to 60°C Material: 316L Stainless Steel / Polymeric Liner/Base Pad



	Trefoil Cab	e Range	Dimension	ns				
Code	Min	Max	(A)	(B)	(C)	(E)	Fixing Holes	Weight (g)
ER19-23	19.0	23.0	83.0	96.0	54.0	25.0	2xM10 + 1xM12	485
ER23-28	23.0	28.0	83.0	96.0	54.0	25.0	2xM10 + 1xM12	425
ER27-32	27.0	32.0	88.0	97.0	54.0	25.0	2xM10 + 1xM12	440
ER30-35	30.0	35.0	91.0	99.0	54.0	25.0	2xM10 + 1xM12	445
ER33-38	33.0	38.0	95.0	103.0	54.0	25.0	2xM10 + 1xM12	460
ER36-42	36.0	42.0	100.0	124.0	54.0	50.0	2xM10 + 1xM12	600
ER40-46	40.0	46.0	106.0	125.0	54.0	50.0	2xM10 + 1xM12	605
ER44-50	44.0	50.0	117.0	130.0	54.0	50.0	2xM10 + 1xM12	630
ER48-55	48.0	55.0	121.0	132.0	54.0	50.0	2xM10 + 1xM12	640
ER51-58	51.0	58.0	128.0	136.0	54.0	50.0	2xM10 + 1xM12	650
ER55-62	55.0	62.0	135.0	160.0	54.0	75.0	2xM10 + 1xM12	810
ER59-66	59.0	66.0	143.0	163.0	54.0	75.0	2xM10 + 1xM12	825
ER63-70	63.0	70.0	151.0	166.0	54.0	75.0	2xM10 + 1xM12	850
ER67-74	67.0	74.0	158.0	169.0	54.0	75.0	2xM10 + 1xM12	850
ER71-78	71.0	78.0	165.0	172.0	54.0	75.0	2xM10 + 1xM12	890
ER74-82	74.0	82.0	171.0	177.0	54.0	75.0	2xM10 + 1xM12	890
ER77-85	77.0	85.0	177.0	183.0	54.0	75.0	2xM10 + 1xM12	905
ER82-88	82.0	88.0	187.0	191.0	54.0	75.0	2xM10 + 1xM12	820
ER88-96	88.0	96.0	203.0	207.0	54.0	75.0	2xM10 + 1xM12	890
ER96-103	96.0	103.0	218.0	221.0	54.0	75.0	2xM10 + 1xM12	940
ER103-111	103.0	111.0	235.0	237.0	54.0	75.0	2xM10 + 1xM12	950
ER111-119	111.0	119.0	250.0	253.0	54.0	75.0	2xM10 + 1xM12	1010
ER119-128	119.0	128.0	275.0	265.0	54.0	75.0	2xM10 + 1xM12	1220

All dimensions in mm except where stated

Cable

Cable Ties Tooling & & Acc Cable Prep

METALLIC SINGLE / TREFOIL Cable Cleats



STAINLESS STEEL CABLE CLEATS

Emperor Single or Dual-Fixing

The Emperor range offers the ultimate protection against the harshest conditions, and its unique design means it can be quickly installed. Manufactured in Type 316L Stainless Steel, Emperor cleats are available in multiple sizes with rangetaking capability, to suit single cables.

To protect and cushion the cables during short circuit conditions, the cleat is supplied with an integral Low Smoke and Fume Polymeric liner and base pad. We recommend that the Emperor is fixed using either two 10mm bolts, or a single 12mm bolt. Alternative bolt recommendations on request.

316L Stainless Steel Single Cleat

· Superior strength tensile strength

Code

ES32-39

ES37-45

ES44-52

ES51-59

ES58-66

ES65-73

ES73-85

ES84-94

FS94-118

ES118-130

ES127-150

 Excellent weathering and corrosion resistance Excellent stiffness

Standards: European Standard IEC 61914:2021 ABS DNV Type Approved, UL Listed

Max Short-Circuit:	149kA	600mm Spacing
	195kA	300mm Spacing

Temperature Range: -40°C to 60°C Material: 316L Stainless Steel / Polymeric Liner/Base Pad



Single Cable Range

Max

39.0

45.0

52.0

59.0

66.0

73.0

85.0

94.0

118.0

130.0

150.0

Min

32.0

37.0

44.0

51.0

58.0

65.0

73.0

84.0

94.0

118.0

127.0

Sinale D1 D2 D1

(B)

91.0

96.0

99.0

103.0

109.0

111.0

135.0

135.0

160.0

175.0

180.0

Dimensions

(A)

89.0

93.0

98.0

102.0

101.0

103.0

112.0

135.0

150.0

160.0

180.0



2xM10 + 1xM12

Δ

Gland	Accs.
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Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

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Cable Ties & Acc

Tooling & Cable Prep

10

Fixing Kit (see p.206)

L Call the Remora sales team at 01226 352 000

C D1 + D2 (E) Fixing Holes 2xM10 + 1xM12 25.0 25.0 2xM10 + 1xM12 25.0 2xM10 + 1xM12

25.0

25.0

25.0

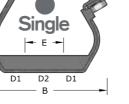
50.0

50.0

50.0

75.0

75.0



(C)

54.0

54.0

54.0

54.0

54.0

54.0

54.0

54.0

54.0

54.0

54.0



Cable Cleats | CABLE HANGERS / HOOKS

CABLE HANGERS

Hangers Cable Hangers

Galvanised Steel Cable Hangers

Cable Hangers are designed for holding power cables in single or multiple runs on walls or support structures. Fabricated from mild steel flat 6mm bar, hot dipped galvanised to BS EN ISO 1461:1999. Special designs are available on request.

The recommended safe working load for each hook is shown below. Hangers with multiple hook configurations are designed to operate with all hooks carrying their maximum load.

- Hanging/routing single and multiple cables to walls or supports structures
- · Superior strength tensile strength
- Excellent stiffness

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

- Rounded corners to reduce snagging
- · Custom designs available

Temperature Range: -40°C to 150°C Finish: Spin Galvanised (55 or 150 micron)

ZZQ@F(E

	Cable R	lange		Dimens	ions					Materia	al Size	Weight
Code	Min	Max	Ways	(A)	(B)	(C)	(D)	(E)	(F)	(W)	Thickness	(g)
CH1W1	-	50.0	1	145.0	105.0	20.0	105.0	-	37.0	40.0	6.0	500
CH2W1	-	50.0	2	235.0	195.0	20.0	105.0	90.0	37.0	40.0	6.0	900
CH3W1	-	50.0	3	325.0	285.0	20.0	105.0	90.0	37.0	40.0	6.0	1,300
CH4W1	-	50.0	4	415.0	375.0	20.0	105.0	90.0	37.0	40.0	6.0	1,700
CH5W1	-	50.0	5	505.0	465.0	20.0	105.0	90.0	37.0	40.0	6.0	2,100
CH6W1	-	50.0	6	595.0	555.0	20.0	105.0	90.0	37.0	40.0	6.0	2,500
CH1W2	51.0	75.0	1	170.0	130.0	20.0	130.0	-	50.0	50.0	6.0	820
CH2W2	51.0	75.0	2	295.0	255.0	20.0	130.0	125.0	50.0	50.0	6.0	1,480
CH3W2	51.0	75.0	3	420.0	380.0	20.0	130.0	125.0	50.0	50.0	6.0	2,240
CH4W2	51.0	75.0	4	545.0	505.0	20.0	130.0	125.0	50.0	50.0	6.0	2,980
CH5W2	51.0	75.0	5	670.0	630.0	20.0	130.0	125.0	50.0	50.0	6.0	3,710
CH6W2	51.0	75.0	6	795.0	755.0	20.0	130.0	125.0	50.0	50.0	6.0	4,440
CH1W3	76.0	100.0	1	185.0	145.0	20.0	145.0	-	62.0	50.0	6.0	980
CH2W3	76.0	100.0	2	345.0	305.0	20.0	145.0	160.0	62.0	50.0	6.0	1,900
CH3W3	76.0	100.0	3	505.0	465.0	20.0	145.0	160.0	62.0	50.0	6.0	2,820
CH4W3	76.0	100.0	4	665.0	625.0	20.0	145.0	160.0	62.0	50.0	6.0	3,600
CH5W3	76.0	100.0	5	825.0	785.0	20.0	145.0	160.0	62.0	50.0	6.0	4,660
CH6W3	76.0	100.0	6	985.0	945.0	20.0	145.0	160.0	62.0	50.0	6.0	5,600

-÷1 1.0

Material: Mild Steel Safe Working Load: 200 kg

All dimensions in mm except where stated

CABLE HANGERS / HOOKS Cable Cleats



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Type SHA

CABLE SUSPENSION HOOKS



Galvanised Steel Suspension Hooks

Suspension Hooks are designed for holding single power cables or small cable bundles. Fabricated from mild steel flat 6mm bar, hot dipped galvanised to BS EN ISO 1461:1999. Special designs are available on request. The recommended safe working load for each hook is shown below.

· Holding single cables or small bundles to walls or supports structures

- · Superior strength tensile strength
- Excellent stiffness

Temperature Range: -40°C to 150°C Material: Mild Steel Hot Dipped Galvanised Safe Working Load: 200 kg



	Cable Ra	nge	Dimensio	ns		Fixing		Weight
Code	Min	Max	(A)	(U)	(W)	Hole (mm) (V)	Thickness	(g)
SHA1	-	50.0	105.0	25.0	40.0	11.0	6.0	320
SHA2	51.0	75.0	120.0	25.0	50.0	13.0	6.0	490
SHA3	76.0	100.0	155.0	25.0	50.0	13.0	6.0	1,300
SHB1	-	50.0	125.0	55.0	40.0	11.0	6.0	440
SHB2	51.0	75.0	140.0	60.0	50.0	13.0	6.0	680
SHB3	76.0	100.0	150.0	60.0	50.0	13.0	6.0	780
SHC1	-	50.0	125.0	40.0	40.0	13.0	6.0	460
SHC2	51.0	75.0	140.0	45.0	50.0	13.0	6.0	700
SHC3	76.0	100.0	150.0	45.0	50.0	13.0	6.0	780

Cable Cleats

Earthing Lightning

MICC Cable

Gland Accs.

Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

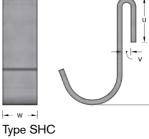
Junction Boxes

Flexible Conduit

Cable Glands



- w --Type SHB



Call the Remora sales team at 01226 352 000

Cable Cleats Accessories

CLEAT FIXING KITS

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security



Cleat Fixing Kits - Single Bolt

Kits for fixing Single Bolt cleats to standard 41mm steel channel or cable ladder.

Each kit contains: 1x Threaded BZP Stud

- 1x Hex Nut
- 1x Flat Washer
- 1x Channel Nut

Suitable for use with; 1FLSF or 1ALM

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Code	Length	Thread	Pack QTY
SBFK10-100	100	M10	10
SBFK10-125	125	M10	10
SBFK10-150	150	M10	10
SBFK10-200	200	M10	10

Cleat Fixing Kits - Double Bolt

Kits for fixing Double Bolt cleats to standard 41mm steel channel or cable ladder. Each kit contains:

- 2x Threaded BZP Stud
- 2x Hex Nut
- 2x Flat Washer
- 2x Channel Nut

Suitable for use with; TC, 2ALM, TRI, TRIeco,



Code	Length	Thread	Pack QTY
DBFK10-100	100	M10	10
DBFK10-125	125	M10	10
DBFK10-150	150	M10	10
DBFK10-200	200	M10	10
DBFK10-225	225	M10	10

Cleat Fixing Kits - Trefoil

Kits for fixing Trefoil cleats to standard 41mm steel channel or cable ladder. Each kit contains:

- 1x Threaded BZP Bolt
- 1x Flat Washer
- 1x Channel Nut

TCFK12-25

Suitable for use with; 376AC

219			
Code	Length	Thread	Pack QTY
TCFK10-25	25	M10	10

M12

10

25







ACCESSORIES Cable Cleats

FIXINGS

M10 Threaded Stud & Accessories

Threaded rod, also known as a stud, is a metal rod with threads rolled out. Supplied in precut lengths 100mm to 225mm to enable easy fixing of the cleat to 41mm wide steel channel or cable ladder rungs.

21	1 1 1 1 1
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Description	Pack QTY
M10 x 100mm BZP Stud	10
M10 x 125mm BZP Stud	10
M10 x 150mm BZP Stud	10
M10 x 200mm BZP Stud	10
M10 x 225mm BZP Stud	10
M10 Hexagon Full Nut	100
M10 Flat Washer	100
	M10 x 100mm BZP Stud M10 x 125mm BZP Stud M10 x 150mm BZP Stud M10 x 200mm BZP Stud M10 x 225mm BZP Stud M10 x 020mm BZP Stud M10 x 020mm BZP Stud



Channel Nuts

Channel nuts are one of the main components of strut system. They feature indentations that fit onto the lips of strut channels, providing gripping strength to secure threaded rod and other hardware to struts.

M12 BZP channel nut (no spring)

100



ZEB12

19990112_11_200		
Code	Description	Pack QTY
ZEB6	M6 BZP channel nut (no spring)	100
ZEB8	M8 BZP channel nut (no spring)	100
ZEB10	M10 BZP channel nut (no spring)	100

Code	Description	Pack QTY
ZEBS6	M6 BZP Short spring channel nut	100
ZEBS8	M8 BZP Short spring channel nut	100
ZEBS10	M10 BZP Short spring channel nut	100
ZEBS12	M12 BZP Short spring channel nut	100

Code	Description	Pack QTY
ZEBL6	M6 BZP Long spring channel nut	100
ZEBL8	M8 BZP Long spring channel nut	100
ZEBL10	M10 BZP Long spring channel nut	100
ZEBL12	M12 BZP Long spring channel nut	100





Call the Remora sales team at 01226 352 000

Earthing & Lightning SECTION CONTENTS

EARTHING and LIGHTNING

Ident & Wiring Term

Copper

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Cable

Earthing & Lightning

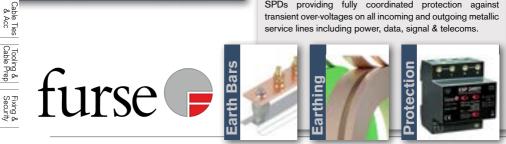
Earthing & Lightning

Should your building or property be struck by lightning, the consequences of having no earthing or lightning protection could be structural damage, fire, electric shock or damage to electrical systems and appliances. To safeguard against this lightning protection systems are specified and installed. By means of capturing and dispersing the transient over voltages safely to ground it is possible to shield and protect against these adverse effects.

Earth Bars: Manufactured from hard drawn high conductivity copper, giving compliance to IEC 62305, Our Earth Bars provide an effective and convenient common earthing point. Off the shelf options range from small bars consisting of 4x M10 terminating studs through to 20. The option of single or double disconnecting studs is available on Earth Bars above 6-way. This is to aid when testing and carrying out maintenance on the system.

Earthing: Whatever your earthing requirements, be it earth braids, earth rods, copper tape, plastic or concrete earth pits or general earthing accessories such as rod couplers, clamps, tape junction squares or clips. You will be sure to find what you are looking for within our comprehensive accessory range

Electronic Systems Protection: Our exhaustive range of equipment bonding and transient over-voltage SPDs providing fully coordinated protection against transient over-voltages on all incoming and outgoing metallic service lines including power, data, signal & telecoms.



SECTION CONTENTS | Earthing Lightning

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

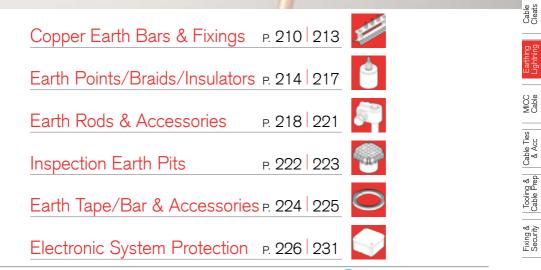
Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.



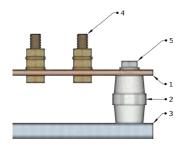
Earthing & Lightning | EARTH BARS

EARTH BARS



Earth Bars Without Link

Remora Standard Earth Bars are an effective and convenient way of providing a common earthing point. Manufactured using high conductivity 50x6mm hard drawn copper bar in compliance with IEC 62305. Supplied complete with brass stud assemblies and set on a steel channel base.



Standard Earth Bars

1

2 з

4 5 50 x 6mm Copper Bar M10 x 36mm Insulator 64 x 15mm Base

Glass Reinforced Polyester

Galvanised Steel M10 Hex Bolt/Nut/Washer Brass

HDHC Copper Bar

M10 Hex Bolt/Nut/Washer BZP Mild Steel

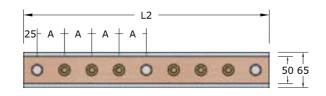
Bar Material: C101 99.9% Copper BS EN 13601:2013 / BS EN 12167:2011 Fasteners: M10x 40mm Brass CZ121 / BS 3643-1:2007 Base: Galvanised Steel Channel Compliance: IEC 62305 / BS EN 62561-1:2012 / BS EN 7430

Bar Current Rating: 815 AMP



			Stud	Bar	Base
Code	Studs	Stud Size	Spacing (A)	Length (L2)	Width
EB04	4	M10 x 35	50.0	300.0	65.0
EB06	6	M10 x 35	50.0	400.0	65.0
EB08	8	M10 x 35	50.0	550.0	65.0
EB10	10	M10 x 35	50.0	650.0	65.0
EB12	12	M10 x 35	50.0	750.0	65.0
EB16	16	M10 x 35	50.0	950.0	65.0
EB20	20	M10 x 35	50.0	1,250.0	65.0
				_	_

		Stud	Bar	Base	
Studs	Stud Size	Spacing (A)	Length (L2)	Width	
1	M10 x 40	50.0	125.0	65.0	
	Studs		Studs Stud Size Spacing (A)	Studs Stud Size Spacing (A) Length (L2)	Studs Stud Size Spacing (A) Length (L2) Width



EARTH BARS | Earthing & Lightning



DISCONNECTING EARTH BARS

Earth Bars With Disconnecting Link

Earth Bars With Single or Double Disconnecting Link

Remora Disconnecting Earth Bars are an effective and convenient way of providing a common earthing point. Integral disconnecting link(s) mean the Earth Bars can be isolated for testing and maintenance purposes. Manufactured using high conductivity 50x6mm hard drawn copper bar in compliance with IEC 62305. Supplied complete with brass stud assemblies set on a steel channel base.

Disconnecting Earth Bars

1 50 x 6mm Copper Bar 2

3

4

5

- M10 x 36mm Insulator
- 64 x 15mm Base
- M10 Hex Bolt/Nut/Washer Brass
 - M10 Hex Bolt/Nut/Washer BZP Mild Steel

Bar Material: C101 99.9% Copper BS EN 13601:2013 / BS EN 12167:2011 Fasteners: M10x 40mm Brass CZ121 / BS 3643-1:2007 Base: Galvanised Steel Channel

HDHC Copper Bar Glass Reinforced Polyester

Galvanised Steel

Compliance: IEC 62305 / BS EN 62561-1:2012 / BS EN 7430 Bar Current Rating: 815 AMP

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Single Disconnect

Code

FBSC06

EBSC08

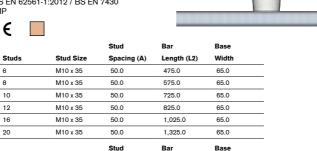
EBSC10

EBSC12

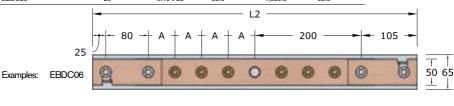
EBSC16

EBSC20

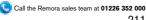
Double Disconness



Double Disconnect			Suu	Ddi	Dase
Code	Studs	Stud Size	Spacing (A)	Length (L2)	Width
EBDC06	6	M10 x 35	50.0	550.0	65.0
EBDC08	8	M10 x 35	50.0	650.0	65.0
EBDC10	10	M10 x 35	50.0	800.0	65.0
EBDC12	12	M10 x 35	50.0	900.0	65.0
EBDC16	16	M10 x 35	50.0	1,100.0	65.0
EBDC20	20	M10 x 35	50.0	1,350.0	65.0



FBSC06



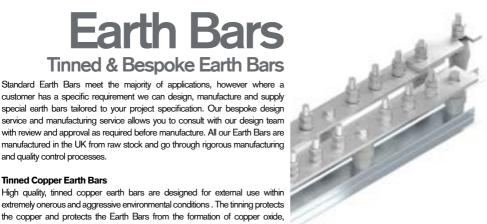


Cable Ties & Acc

Tooling & Cable Prep

Earthing & Lightning | EARTH BARS

TINNED and BESPOKE FARTH BARS

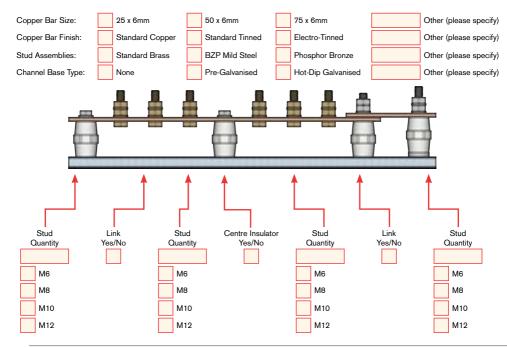


and quality control processes. **Tinned Copper Earth Bars**

High quality, tinned copper earth bars are designed for external use within extremely onerous and aggressive environmental conditions. The tinning protects the copper and protects the Earth Bars from the formation of copper oxide, effectively preventing oxidation. Tinned earth bars are often used in offshore and marine projects.

Bespoke Earth Bars

From the illustration below, make your selection and we will quote to your exact requirements.



EARTH BARS | Earthing & Lightning

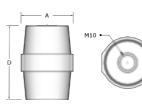
BARREL EARTH INSULATORS

Barrel Insulators and Assemblies

Remora Barrel Insulators are used as insulating supports for active conductors. They can also be used as a support for electrical devices as well as a spacing and/or stiffening element in an electrical system. Manufactured from tough Glass Reinforced Polyester (GRP) they provide excellent electrical insulation and high mechanical strength.

Temperature Max: 200°C (static)

Material: Glass Reinforced Polyester Colour: Grey as standard, Red available to order



			Insert Thread	Insert Depth	Electrical Dielectric	Tensile	Torque
Code	Height (D)	A/F (A)	Size (C)		Strength	Strength	Nm
EI	51	36.0	M10	14.5	10 KV/mm	3-5 Kgf/mm ²	>30
EI03	51	36.0	M10	14.5	10 KV/mm	3-5 Kgf/mm ²	>30



EI = Insulator only

EI03 = Insulator complete with 2 studs and 3 nuts

Brass Set Screws

Range of brass fixings including Brass Hex Set Screws, Brass Hex Nuts & Brass Plain Washers

Material: Brass

Standards:	Set Screw	DIN933
	Hex Nut	DIN934
	Plain Washer	DIN 125A

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Code	Size	Pack QTY
BSS0616	M6 x 16	100
BSS0620	M6 x 20	100
BSS0625	M6 x 25	100
BSS0640	M6 x 40	100

Code	Size	Pack QTY
BSS0825	M8 x 25	100
BSS0835	M8 x 35	100
BSS0840	M8 x 40	100
BSS0850	M8 x 50	100



Code	Size	Pack QTY
BSS1025	M10 x 25	100
BSS1035	M10 x 35	100
BSS1040	M10 x 40	100
BSS1050	M10 x 50	100

Brass Hex Nuts

Code	Size	Pack QTY
BN06	M6 Hex Nut	100
BN08	M8 Hex Nut	100
BN10	M10 Hex Nut	100



Brass Plain Washers

Size	Pack QTY	diama -
M6 Washer	100	
M8 Washer	100	P A
M10 Washer	100	
	M6 Washer M8 Washer	M6 Washer 100 M8 Washer 100

Gall the Remora sales team at 01226 352 000

Tooling & Cable Ties Cable Prep & Acc

Earthing & Lightning | EARTH POINTS

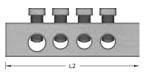
EARTHING POINTS



Earth Blocks

Remora Earth blocks allow earth conductor termination or live conductor termination (within a suitable housing). Manufactured from brass with corrosion resistant nickel plated finish. Cable Size: 16mm²

Material: Brass CZ121 Pb3 Finish: Nickel Plated



20/F(E

Code	Cable Entry Hole Diameters		Length (L2)	Width
EBL004	1 x 6.5	3 x 5.5	54.0	19.0
EBL008	2 x 6.5	6 x 5.5	88.0	19.0

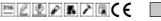


Earth Bosses

Remora Earth Bosses are designed to provide an earth connection point on a steel structure. The boss can be welded onto steel vessels, tanks and other structures Material: Mild Steel to 970 230M07 grade EN1A

Fixings: Phosphor Bronze or Stainless Steel 316L to order

Standards: BS 7430



Mild Steel

Length	Diameter	Thread Size
25.0	25.0	M8
30.0	30.0	M8
30.0	40.0	M10
40.0	30.0	M10
40.0	40.0	M12
50.0	40.0	M10
50.0	50.0	M10
	25.0 30.0 30.0 40.0 40.0 50.0	25.0 25.0 30.0 30.0 30.0 30.0 40.0 30.0 40.0 30.0 50.0 40.0

Stainless Steel

Code	Length	Diameter	Thread Size	
EBSS2525	25.0	25.0	M8	
EBSS3030	30.0	30.0	M8	
EBSS3040	30.0	40.0	M10	
EBSS4030	40.0	30.0	M10	
EBSS4040	40.0	40.0	M12	
EBSS5040	50.0	40.0	M10	
EBSS5050	50.0	50.0	M10	

MICC

EARTH POINTS | Earthing & Lightning

FLEXIBLE COPPER EARTH BRAIDS

Flat Braid Earth Leads - Reels

High grade flexible tinned copper flat braid reels. Available in a variety of sizes to suit many different applications. Earth braids are usually used for continuous current conductors or earth straps (earth bonding cables). Material: High grade tin copper - Conforms to BS4109





Code	Current Amps Rating	Nom. Area mm ²	Dimension - Width x Height	Reel QTY
FEBR10	10	0.5	1.9 x 0.6	25m
FEBR30	30	1.7	4 x 0.75	25m
FEBR60	60	6.0	10 x 2.0	25m
FEBR90	90	10.0	12 x 2.3	25m
FEBR120	120	16.0	19 x 2.2	25m
FEBR150	150	25.0	25 x 2.8	25m
FEBR200	200	35.0	25 x 3.5	25m



Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

Earthing & Lightning | EARTH POINTS

CUSTOM FLEXIBLE COPPER EARTH BRAIDS

Flexible Copper Earth Braids

High grade flexible tinned copper flat and circular braid connectors. Stock ranges from simple earth strap/earth leads to complex heavy duty copper braid connectors for maximum conductivity and minimum voltage drop. **Material:** High grade tin copper - Conforms to BS4109

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Code	Length	Width	Centres	Fixing Hole	Current Rating (Amps)
FEB100	114.0	6mm ²	100.0	M6	60
FEB150	162.0	6mm ²	150.0	M6	60
FEB200	230.0	25x3	200.0	M10	150
FEB300	330.0	25x3	300.0	M10	150
FEB400	430.0	25x3	400.0	M10	150
FEB600	630.0	25x3	600.0	M10	150



Custom Flexible Connectors

Custom made flexible connectors manufactured to your exact requirements or project specifications.

Flat Tube Compressed Ferrule

- Excellent mechanical properties.
- · Maximum conductivity with minimum voltage drop.
- Ends can be drilled, milled, machined or profiled to meet precise requirements.
- Custom design configurations for individual applications.



•

Crimp Terminal

- Economical solution for low current applications.
- Wide range of sizes available.
- Types to meet most applications; tube, ring, sheet, bootlace.
- Insulated options available.



• Customised for dimensionally critical applications. Varying lengths and profiles.

Reduced assembly costs.

• Excellent conductive performance. Minimal heat-rise.

Ultrasonically Welded Ends

- Low cost alternative to the swaged ferrule. No reduction in performance.
- · Forms solid end throughout the material. Consistent manufacturing process.
- · Lower unit costs owing to high manufacturing productivity.

Solder Dipped Ends

- Alternative to compressed ferrules.
- Suitable for low current applications





Cable Glands

Cable

Cable Ties Tooling & Fixing & Cable Prep Security

EARTH POINTS | Earthing & Lightning

SAFETY INSULATORS

Electrical Safety Matting

Electrical Safety Matting is designed for shock protection for worker's commonly used in front of switchboards and other high-voltage equipment. Supplied in black rubber with a fine rib on one side. 10m is the maximum continuous length.

- Working Voltage 1,000 volts / 1kV.
- Matting Thickness 6mm
- Withstand Test 10kV No Electrical Puncture
- Cut lengths of mats available to order
- Mechanical Puncher Resistance 70n
- Anti-slip finish
- Halogen free
- Sold in 10m metre rolls or by the linear metre
- Due to product weight certain lengths cannot be sent with couriers so a pallet charge may be applicable

Material: Natural Elastomer Colour: Black



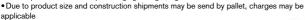
Code	Supplied Thickness	Width	Roll Size (m)	Roll Weight (kg)
MAT914-6-11KV	6.0	914	10	75

Paxolin Sheets

Paxolin (P1) is a low voltage brown phenolic paper laminate with strong mechanical and electrical qualities. The material is sturdy, stiff, and cost-effective, making it excellent for terminal boards, mounting plates, busbar supports, and cable supports.

The standard 6mm sheet size is 600x600mm, 1200 by 1200mm however various sizes in thickness's ranging from 3 to 10mm are available to order.

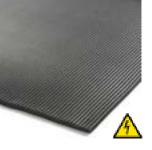
· An inexpensive method of providing lightweight, rigid electrical insulation



Max Operating Temperature: 90°C (static) Material: P1 Paper - Phenolic Based Paper Laminate Colour: Natural Brown Tensile Strength: 1050 kg/cm2 Insulation resistance - after immersion in water: 5x10 M Ohm Specification: BS:2572:Grade P1; EN 60893-3-4-PFCE201. DIN 7735 Grade HP 2061. NEMA: L1 1 1989 Grade X



Code	Supplied Thickness	Size	Colour	
PAX6-600-600	6.0	600 x 600	Brown	
PAX6-1200-600	6.0	1200 x 600	Brown	





Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Earthing & Lightning | EARTH RODS & ACCESSORIES

FARTH RODS and ACCESSORIES



Copperbond Earth Rod

Copperbond Earth Rods are the most popular type of rod due to their combination of strength, corrosion resistance and comparative low cost. Each rod has a high tensile strength, low carbon steel core. 99.95% pure copper is applied electrolytically and forms a molecular bond between the steel core and the copper. This combination makes the rod ideal for deep driving whilst also providing lasting resistance to corrosion. The threads are formed by a cold rolling process which ensures strength and maintains the molecularly bonded copper covering along the full length of the threads. Material: Copper Bonded Carbon Steel Core

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Code	Rod Diameter	Thread	Length	Material
ER9.5/1200	9.5	3/8"	1200	Copperbond
ER9.5/1200COMP *	9.5	3/8"	1200	Copperbond
ER16/1200	16.0	5/8"	1200	Copperbond
ER16/1500	16.0	5/8"	1500	Copperbond
ER16/1800	16.0	5/8"	1800	Copperbond
ER19/1200	19.0	3⁄4"	1200	Copperbond
ER19/1500	19.0	3⁄4"	1500	Copperbond
ER19/1800	19.0	3/4"	1800	Copperbond

* ER9.5/1200COMP = 9.5 x 1200 earth rod complete with key hole clamp

Earth Rod Coupler

Earth Rod Couplers are used for joining copperbond threaded earth rods together. They facilitate deep driving and ensure continual contact between the rods both during and after installation. The coupling also protects the earth rod threads during installation with the driving head. Manufactured from high copper content alloy ensuring excellent corrosion resistance.

3⁄4'

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Material: High Copper Content Alloy

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Code	Rod Diameter	Thread	Pack QTY
ERC16	16	5/8"	10

19



Earth Rod Driving Stud

Threaded re-usable driving heads are suitable for driving earth rods by hand or with a power hammer. The driving head screws into threaded Earth Rod Couplers allowing deep driving of the earth rods. Material: High Tensile Steel.

ERC19

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Code	Rod Diameter	Thread	Pack QTY
ERD16	16	5/8"	10
ERD19	19	3/4"	10



Gland Accs.

Cleats

Cable

Cable Ties & Acc

Tooling & Cable Prep

EARTH RODS & ACCESSORIES | Earthing & Lightning

EARTH RODS and ACCESSORIES

Earth Rod to Cable Clamp

Earth Rod to Cable Clamps are used for joining earth rods to different sizes of stranded copper conductor. The clamps have high resistance to corrosion and are mechanically strong to ensure a long lasting connection. **Material:** Gunmetal

Standards: BS 7430

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Code	Rod Diameter	Conductor Rang	e (mm ²) Pack QTY
ERCC0635	9.5 / 3/8"	6 - 35	10
ERCC1670	16 / 5/8"	16 - 70	10
ERCC3595	19 / 3/4"	35 - 95	10





Cable Glands

Gland Accs.

Cable Cleats

MICC Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

Earth Rod to Cable Lug Clamp

Earth Rod to Cable Lug Clamps are used for joining earth rods to Copper Tube Lugs. The clamps have high resistance to corrosion and are mechanically strong to ensure a long lasting connection. **Material:** Gunmetal

Standards: BS 7430

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Code	Rod Diameter	Lug Stud Size	Pack QTY
ERLC9.5	9.5 / 3/8"	8	10
ERLC16	16 / 5/8"	10	10
ERLC19	19 / 3/4"	10	10





Earth Rod to Tape Clamps are used for joining earth rods to different sizes of copper tape. The clamps have high resistance to corrosion and are mechanically strong to ensure a long lasting connection. **Material**: Gunmetal

Standards: BS 7430

ERTC

0200	CE 🔲	
Code	Rod Diameter	Max Conduct
ERTC16/25	16 / 5/8"	26 x 12

e	Rod Diameter	Max Conductor	
C16/25	16 / 5/8"	26 x 12	
C19/25	19 / 3/4"	26 x 10	

'U' Bolt Rod Clamp

"U" Bolt Rod clamps are designed to join various sizes of conductor tape to the earth electrode. The clamps have a high resistance to corrosion and are mechanically strong to ensure a lasting connection.

Body Material: High strength copper alloy 'U' Bolt Material: Copper

Stanuarus: BS 7430		
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<u> </u>			
Code	Rod Diameter	Hole Centres	Pack QTY
ERUB16	16 / 5/8"	37.0	10
ERUB19	19 / 3/4"	37.0	10



Pack QTY

25







Challenge us - We find a solution

Earthing & Lightning | EARTH RODS & ACCESSORIES

EARTH RODS and ACCESSORIES





'B' Bond

B' type Bond connections are designed to bond either copper or aluminium conductor to flat metal surfaces Material: Gunmetal Standards: BS 7430

₫♪☜���(€					
	Code	Max Tape Width	Bolt Size	Conductor Material	Pack QTY
	BN105	26	M10	Copper	10





RWP Bond Clamp

RWP type Bond connections are designed to connect flat conductor to circular objects ie pipework and hand rails etc. Material: Gunmetal Standards: BS 7430

	Code	Max Tape Width	Bolt Size	Conductor Material	Pack QTY
	BN115	26	M10	Copper	10



EC1 Earthing Clamp

EC1 earth clamp for large diameter circular objects ie. pipework and hand rails etc.

Strap Material: Stainless Steel (304 grade) Body Material: Phosphorus Bronze Label Material: Aluminium

204 Al (2239(6		
Code	Terminal Size	Strap Length	Pipe Diameter
EC1	2.5 - 10.0mm ²	1600 (63")	50.0 to 450.0



Earth Electrode Box

Earth Electrode protects the connection to an earth electrode. Designed for use with 20mm conduit, suitable for countersunk installation that provides easy access for inspection.

Material: PVC

Colour: Black Body / White Lid with Red Printing Print: 'SAFETY ELECTRICAL CONNECTION DO NOT REMOVE'

	<€ ■		
Code	Description	Dimensions	Conduit Size
ERB	Black Round Earth Electrode Box	65 x 65 x 85	20

Cable Glands

Gland Accs.

EARTH RODS & ACCESSORIES | Earthing & Lightning

EARTH RODS and ACCESSORIES

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

> Junction Boxes

Flexible Conduit

Cable Glands

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Cable Cleats

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Oxide Inhibiting Compound

Oxide inhibiting compound is designed to prevent galvanic corrosion and to enhance connection in electrical joints. The compound inhibitor is a non-water soluble, naturalpetroleum based polymer grease that seals electrical connections from oxygen and moisture. Can be used at any interface between different metals to prevent oxide build up.

Code	Description	Weight (g)	
CM005	Plastic 8oz Bottle	230	

Earth Plates - Solid

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Solid Copper Earth Plates provide a long lasting earthing solution in places where driving earth rods may be impractical. They are often installed in conjunction with Soil Conditioning compound.

Material: Copper to BS EN 1652:1998 Standards: BS EN 62561-2



Code	Description	Dimensions	Total surface area	Weight (Kg)
EM600	Solid Copper	600 x 600 x 3	0.73m2	9.6
EM900	Solid Copper	900 x 900 x 3	1.63m2	21.6



Earth Plates - Lattice

Lattice Earth Plates offer a more economical option to installing solid copper plates. They are often used for potential grading and are a preferred option on telecommunications towers. Material: Copper to BS EN 13601 (formerly BS 1432) Standards: BS EN 162561-2

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Code	Description	Dimensions	Total surface area	Weight (Kg)
EMLAT600	Lattice	600 x 600 x 3	0.31m2	4.0
EMLAT900	Lattice	900 x 900 x 3	0.65m2	7.2



Copper Fixing Band

Temperature Range: -15°C to 50°C Material: Copper / Brass



Copper					Max Working	
Code	Length (m)	(W)	(F)	(L1)	Thickness	Load (Kg)
ARB12C	10.0	12.0	5.0	5.0	0.8	65.0
ARB17C	10.0	17.0	7.0	7.0	0.8	85.0



Log Call the Remora sales team at 01226 352 000

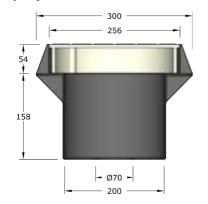
Earthing & Lightning | EARTH INSPECTION PITS

LIGHTWEIGHT INSPECTION PIT

Plastic Lightweight Earth Inspection Pit

Remora Plastic Inspection Pits are designed to protect the earth rod connection while allowing secure access for later inspection of electrodes and conductors. The lightweight heavy duty plastic pit with its unique design results in performance capabilities superior to traditional concrete pits, at a similar cost. Providing an improved working area, the high-performance polymer material UV stable and chemical resistant, providing an impressive load rating of 5,000kg while weighing only 1.8kg.





Plastic Inspection Pit

Supplied complete with base, lid and two stainless steel allen-key locking bolts. • Lockable Jam-Free Lid: Once installed the lid can be locked with the supplied allen-key bolts preventing vandalism. Once locked the design of the lid ensures

- debris cannot become jammed between the lid and surround. • Screw Retention: Retention tabs on the underside of the lid prevent loss of
- Screw Retenuor: Retenuor tabs on the underside of the lid prevent loss of screws while in storage or transit. The screws may also be used to lift the lid.
 Shatterproof Material: The high-performance polymer is significantly less brittle
- Strate pion waterial. The high performance polymer is significantly less brute than concrete, reducing the likelihood of wastage due to breakages.
 Chamical Besistant: Resistant to most substances including patrol discal dial
- Chemical Resistant: Resistant to most substances including petrol, diesel, oil, bitumen and concrete.
- UV Stable: UV additive minimising the effects of direct sunlight.
- Rod Locating Hole: Central 70mm diameter hole ensuring the earth rod is centrally positioned, simplifying the connection of earthing clamps.

Standards: BS EN 62305-3 Tested to IEC 62561-5 Material: UV and Chemical Resistant Polymer

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Code Description		Load Rating (Kg)	Weight (Kg)
EPP205	Lightweight inspection pit with grey polymer lid	5,000.0	1.8
PT004 5 hole copper earth pit bar		230 x 25 x 6	0.4



Soil Conditioning - Bentonite

Bentonite is a moisture retaining clay used as an earth electrode back-fill to help lower soil resistivity. The clay is a sodium activated montmorillonite, which when mixed with water swells to many times its original volume. Bentonite is supplied in granular form. The granular form is easier to handle as the powder can cause dust in windy conditions. The typical expansion ratio when mixed with water is 2:1.

Ξ

Code	Description	Weight each (Kg)
BENT01	Bentonite Powder	25.0
BENT02	Bentonite Granules	25.0

Cable

EARTH INSPECTION PITS | Earthing & Lightning



CONCRETE INSPECTION PIT

Concrete Earth Inspection Pit

Concrete inspection pits are load rated to 4,500kg, suitable for most types of earthing and lightning protection installations. The base is designed to accept a diagonal earth bar with 5 or 7 terminations.

Concrete Inspection Pit

Concrete inspection pits are load rated to 4,500kg, suitable for most types of earthing and lightning protection installations. The base is designed to accept a diagonal earth bar with 5 or 7 terminations (PT006 and PT007).

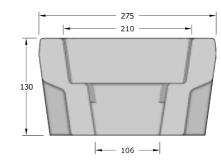
• Suitable for most types of earthing and lightning protection installations.

• The inspection pits protects the earth rod connection and makes it accessible for inspection.

• Due to product weight and construction concrete earth pits are shipped by pallet only and charges may be applicable.

Standards: BS EN 62561-8-2011 Material: Concrete





Code	Description	Description		Weight each (Kg)
EPC280	Concrete inspection pit		4,500.0	16.0
Code	Description	Dimensions	Hole Size	Weight (Kg)
PT006	5 hole copper earth pit bar	300 x 25 x 6	11	0.58

Soil Conditioning - FurseCEM (Marconite)

FurseCem is a granulated conductive medium designed to replace the conventional aggregate in concrete and thereby provide a medium with good electrical conductivity and high strength. This formulation of compound is widely know as 'Marconite' throughout the industry.

It can provide a permanent solution to problems in electrical/constructional situations. FurseCEM is a dark grey, granular material that replaces traditional sand and aggregate materials used within concretes mixes. It should be mixed in the ratio of 3 parts of FurseCEM to 1 part cement by weight with the addition of 1 litre of water per 5 Kg of total mix. FurseCEM forms a relatively dry material with an 'as poured' density of around 1300kg/m³. The water content may be adjusted as the application requires, but this will affect the concretes final compressive strength and the drying times accordingly. Typically FurseCEM concretes are touch dry within hours but can be several days before being fully cured.

Standards: BS EN 50164-7

Code	Description	Weight each (Kg)
MARC01	Marconite	25.0
MARC02	Marconite (Cement Premix)	25.0



Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

> Junction Boxes

Call the Remora sales team at 01226 352 000

Earthing & Lightning | COPPER EARTH TAPE & BAR

COPPER FARTH TAPE and BAR

Copper Tape High Conductivity

High Conductivity, Annealed, Soft Drawn Flat Copper Tape

Copper Tape is by far the most important component of any earth or structural lightning protection system. All our Bare Copper Tape is manufactured in accordance with BS EN 13601 (formerly BS 1432) and can be used in a variety of earthing and lightning protection assemblies. Available in coils of bare copper or finished in PVC or Zero Halogen coating.



Copper Earth Tape

High Conductivity soft drawn flat copper tape made in accordance to BS EN 13601 (BS 1432-C101). Annealed for ultimate ductility, all sizes have radiused edges and are available in the coil lengths below. Certain sizes can also be supplied fully-tinned for use in areas of high soil contamination or where dissimilar metals will be in contact with each other. PVC covered Tape is stocked in Green but also available to order in Grey, Stone, White, Brown & Green/Yellow. Material: High Conductivity Copper

Standard: BS EN 13601 / IEC/BS EN 62561-2 / BS 5252 / BS 67460

		90793	€ ■■■	
Code	Width	Thickness	Coil Length (m)	Weight per Coil (Kg)
CT12x1.5-100	12.5	1.5	100	17.00
CT12x3-100	12.5	3.0	100	33.00
CT20x1.5-100	20.0	1.5	100	27.00
CT25x3-10	25.0	3.0	10	6.70
CT25x3-25	25.0	3.0	25	16.75
CT25x3-50	25.0	3.0	50	33.50
CT25x4-50	25.0	4.0	50	44.50
CT25x6-40	25.0	6.0	40	53.20
CT40x4-30	40.0	4.0	30	42.60
CT50x6-20	50.0	6.0	20	53.60

Code (PVC Covered)	Width	Thickness	Coil Length (m)	Weight per Coil (Kg)
CTPVC25x3-25 *	25.0	3.0	25	19.25
CTPVC25x3-50 *	25.0	3.0	50	38.50
CTPVC25x6-40 *	25.0	6.0	40	61.20
CTPVC50x6-20 *	50.0	6.0	20	59.00

* For PVC Covered - Specify colour when ordering

Hard Drawn Copper Bar

Hard Drawn Copper Bar is manufactured from high conductivity stock to BS EN 12163, suitable for busbars and earthbars. Supplied by the metre, max 4 metre. Material: High Conductivity Copper

Standard: BS EN 12163 90793(f

Code	Width	Thickness	Weight per Metre (Kg)			
CB2503	25.0	3.0	0.67			
CB2506	25.0	6.0	1.33			
CB3806	38.0	6.0	2.03			
CB5006	50.0	6.0	2.67			

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

COPPER EARTH TAPE & BAR | Earthing & Lightning

COPPER FARTH TAPE ACCESSORIES

Tape Junction Square

These four-way connectors are suitable for making cross, straight through or tee joints in flat tape. The base has a countersunk hole in the middle for securing the clamp to the building surface and the lid is fixed by means of four screws.

Material: Gunmetal

Standards: IEC/BS EN 62561-1 Class H

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Code	Width	Thickness	Pack QTY
CTSQ2503	25.0	3.0	10
CTSQ2506	25.0	6.0	10
CTSQ5006	50.0	6.0	5



Ident & Wining Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

Fixing & Security

Tape Test Junction Clamp

Designed to join a range of tape sizes in a straight through position. In many applications the clamp enables tapes to be overlapped and secured by the two set screws. The clamped connection is easily made/remade to allow for periodic testing. 15Nm Tightening torque. Material: Gunmetal

Standards: IEC/BS EN 62561-4

₹ZQCE		
Code	Width	Thickness
CTTC2503	26.0	8.0



Not Suitable for PVC covered tape

Non-Metallic Tape Clips

High grade Polypropylene, UV stabilized against degradation by sunlight and non-brittle to prevent cold weather damage. Available in five colours to match bare and PVC covered copper tape.

Material: Polypropylene Standards: IEC/BS EN 62561-4



			Bare Copper Conductor		
Code	Туре	Colour	Width	Thickness	Pack QTY
CTPC2003	Bare Tape	Brown	20.0	3.0	50
CTPC2503	Bare Tape	Brown	25.0	3.0	50
CTPC5006	Bare Tape	Brown	50.0	6.0	50
CTPCC2503-Colour	Covered Tape	Optional	25.0	3.0	50



Metallic Tape Clips

High guality copper alloys manufacture these metallic tape clips designed to secure flat bare and PVC covered copper tape. Material: High Quality Copper Alloys

Standards: IEC/BS EN 62561-4



Bare Copper Conductor

Code	Туре	Width	Thickness	Pack QTY
CTC2503	Bare Tape	25.0	3.0	10
CTC2506	Bare Tape	25.0	6.0	10
CTC5006	Bare Tape	50.0	6.0	10
CTCC2503	Covered Tape	25.0	3.0	10
CTCC2506	Covered Tape	25.0	6.0	10
CTCC5006	Covered Tape	50.0	6.0	10



Earthing & Lightning lelectronic system protection

ELECTRONIC SYSTEM PROTECTION

through to LPZ 3 to protect electrical equipment from damage.

ESP D1 Series

(Single Phase) System Protection

Combined Type 1, 2 and 3 tested protector (to BS EN 61643) for use on the main distribution board, particularly where structural Lightning Protection System

(LPS) is employed, for equipotential bonding. For use at the boundaries up to LPZ 0 to protect against flashover (typically the main distribution board location)

Gland Accs.

Cable Cleats

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

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N		
Parallel Connection ESP 240 D1 (fuses not shown for clarity)	0-0 522240 fame® 0-0 cc	
• Series Connection ESP 240 D1 (fuses not shown for clarity)		

ESP D1 (Single Phase)

- . Very low let-through voltage (enhanced protection to BS EN 62305) between all sets of conductors (phase to neutral, phase to earth, neutral to earth - full Mode protection)
- Full mode design capable of handling partial lightning currents as well as allowing continual operation of protected equipment
- · Repeated protection in lightning intense environments
- Innovative multiple thermal disconnect technology for safe disconnection from faulty or abnormal supplies

ESP 24001

- Three way visual indication of protection status and advanced pre-failure warning so you need never be unprotected
- · Remote indication facility allows pre-failure warning to be linked to a building management systems, buzzer or light
- Changeover active volt-free contact enables the protector to be used to warn of phase loss (i.e power failure, blown fuse etc)
- Flashing warning of potentially fatal neutral to earth supply faults (due to incorrect earthing, wiring errors or unbalanced conditions)
- Through terminal facility allows series connection on low current supplies to eliminate high additive voltage associated with connecting lead on units installed in parallel
- Compact space saving DIN housing

Short Circuit Withstand Capability: 25 kA, 50 Hz Frequency Range: 47-63 Hz Max. Back-up Fuse: 125 A Leakage Current (to earth): <250 µA Indicator Circuit Current: <10 mA Volt Free Contact²: Screw Terminal / Current rating 1 A / Nominal Voltage (RMS) 250 V Temperature Range: -40°C to + 80°C Connection Type: Screw Terminal (Max Torque 4.5Nm) Conductor Size (stranded): 25mm² Earth Connection: Screw Terminal (Max Torque 4.5Nm) Volt Free Contact: Connect via screw terminal with conductor up to 1.5mm² (stranded) Protection: IP20

		Nom Voltage	Max Voltage	Temporary			
		Phase Neutral	Phase Neutral	Overvoltage	Working	WBX Enclosu	ıre
Code	Description	Uo (RMS)	Uc (RMS)	TOV U 1	Voltage (RMS)	Size	Weight (Kg)
ESP240D1	Single phase, full mode	240 V	280 V	350 V	200 - 280 V	WBX D4	0.40

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ELECTRONIC SYSTEM PROTECTION Earthing & Lightning

ELECTRONIC SYSTEM PROTECTION



Ident & Wring Term **ESP D1 Series** (Three Phase) System Protection

Combined Type 1, 2 and 3 tested protector (to BS EN 61643) for use on single phase mains power distribution systems primarily to protect connected electronic equipment from transient over-voltages on the mains supply, e.g. computer, communications or control equipment. For use at boundaries up to LPZ 0 to protect against flashover (typically the main distribution board location, with multiple metallic services entering) through to LPZ 3 to protect sensitive electronic equipment.

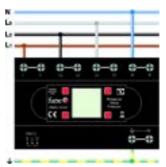
ESP D1 (Three Phase)

- Very low let-through voltage (enhanced protection to BS EN 62305) between all sets of conductors (phase to neutral, phase to earth, neutral to earth - Full Mode protection)
- · Full mode design capable of handling partial lightning currents as well as allowing continual operation of protected equipment
- · Repeated protection in lightning intense environments
- · Innovative multiple thermal disconnect technology for safe disconnection from faulty or abnormal supplies (without compromising protective performance)
- Three way visual indication of protection status and advanced pre-failure warning so you need to be unprotected
- ESP XXX D1R or ESP XXX D1R/LCD units (where XXX = 208, or 415, or 480) have a remote display that allows the protector to be mounted close to the incoming feed or distribution board with the display being mounted in a visible position e.g. at the front of the panel
- ESP XXX D1/LCD or ESP XXX D1R/LCD units have a backlit LCD intelligent display offering clear status information that can be rotated for the side mounting to facilitate short connecting leads
- Flashing warning of potentially fatal neutral to earth supply faults (due to incorrect earthing, wiring errors or unbalanced conditions)
- Through terminal facility allows series connection on low current supplies to eliminate high additive voltage associated with the connecting leads on units installed in parallel
- Compact space saving DIN housing

Short Circuit Withstand Capability: 25 kA, 50 Hz Frequency Range: 47-63 Hz Max. Back-up Fuse: 125 A Leakage Current (to earth): <250 µA Indicator Circuit Current: <10 mA Volt Free Contact²: Screw Terminal / Current rating 1 A / Nominal Voltage (RMS) 250 V Temperature Range: -40°C to + 80°C Connection Type: Screw Terminal (Max Torque 4.5Nm) Conductor Size (stranded): 25mm² Earth Connection: Screw Terminal (Max Torque 4.5Nm)

Volt Free Contact: Connect via screw terminal with conductor up to 1.5mm² (stranded) Display (D1R& D1R/LCD Version): HD-D Type 1 Metre Interconnection Cable 2 Metre Cable (ESP RLA HD-2) or 4 Metre Cable Interconnection Cable (ESP RLA HD-4) optional Protection: IP20

		Nom Voltage	Max Voltage	Temporary			
		Phase Neutral	Phase Neutral	Overvoltage	Working	WBX Enclosure	
Code	Description	Uo (RMS)	Uc (RMS)	TOV U 1	Voltage (RMS)	Size	Weight (Kg)
ESP415D1	Three phase, full mode	240 V	280 V	350 V	200 - 280 V	WBX D8	0.85
ESP415D1R	Three phase, full mode with remote display	240 V	280 V	350 V	200 - 280 V	WBX D8	1.10



 Parallel Connection ESP 415 D1 (fuses not shown for clarity)

MICC Cable

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

227

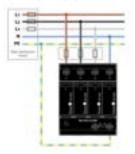
Earthing & Lightning | ELECTRONIC SYSTEM PROTECTION

ELECTRONIC SYSTEM PROTECTION

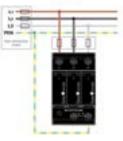


TN-S earthing system

protect electrical equipment from damage.



TN-C earthing system



ESP 415/XXX

ESP 415T1

Electronic System Protection

ESP 415T1 Surge Protection Series are a Combined Type 1 and 2 tested protector (to BS EN 61643) for use on the main distribution board, particularly

where a structural Lightning Protection System (LPS) is employed, for equipotential bonding. For use at boundaries up to LPZ 0 to protect against flashover (typically the main distribution board location) through to LPZ 2 to

- Enhanced protection (to BS EN 62305) offering low let-through voltage further minimizing the risk of flashover creating dangerous sparking or electric shock
- · Repeated protection in lightning intense environments
- Pluggable module design (with anti-vibration locking clips) allows for simple replacement at end-of-life
- Compact space saving design
- · Indicator shows when the protector requires replacement
- Remote signal contact can indicate the protector's status through interfacing with a building management systems
- Use on three phase supplies and power distribution systems for protection against partial direct or indirect lightning strikes
- ESP 415T1/25/XXX versions for use with Class I or II LPS
- ESP 415T1/12.5/XXX versions for use with Class III or IV LPS; or exposed overhead three phase power lines where no LPS is fitted
- ESP 415T1/X/TNS versions also cover TN-C-S earthing systems

Nominal Voltage - Phase-Neutral Uo (RMS): 240 V Maximum Voltage - Phase-Neutral Uc (RMS): 415T1/25-275V, 415T1/12.5-300V Temporary Over-voltage TOV U₁⁽ⁿ⁾: 337 V / 442 V Short Circuit Withstand Capability: 50Ka / 50Hz Frequency Range: 47-63 Hz Max. Back-up Fuse: 415T1/25 315A, 415T1/12.5 250A Leakage Current (to earth): 415T1/125 5µA, 415T1/12.5 600µA Volt Free Contact: Push-fit connection for conductor up to 1.5mm2, rated AC 250V, 1A Temperature Range: -40°C to + 80°C Connection Type: Screw Terminal Conductor Size (solid/stranded): 35mm² Earth Connection: Screw Terminal Protection: IP20

Type 2 (BS EN/EN) Class II (IEC)

Transient Spec-
ification Type
1 (BS EN/EN),
Class I (IEC)

						Type 2 (DS LIV/LI	n), ciass ii (in	c)	
		Nom discharge	Let-through	Impulse discharge	Let-through	Nom discharge	Let-through	Max discharge	
		current 8/20 up	voltage	current	voltage	current 8/20 up	voltage	current /max	
Code	For Use With	(per mode)/n	up at /n2 ²	10/350 us /imp	up at /imp ²	(per mode)In	up at /n2	(per mode)3	Enclosure
ESP415T1/25/TNS	Class I or II LPS	25kA	< 1.5kV	25kA	< 1.5kV	25kA	< 1.5kV	65kA	WBXD4
ESP415T1/12.5/TNS	Class III or IV LPS	20kA	< 1.5kV	12.5kA	< 1.5kV	20kA	< 1.5kV	50kA	WBXD4
ESP415T1/25/TNC	Class I or II LPS	25kA	< 1.5kV	25kA	< 1.5kV	25kA	< 1.5kV	65kA	WBXD4
ESP415T1/12.5/TNC	Class III or IV LPS	20kA	< 1.5kV	12.5kA	< 1.5kV	20kA	< 1.5kV	50kA	WBXD4

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Cable Ties & Acc

Tooling & Fixing & Cable Prep Security

ELECTRONIC SYSTEM PROTECTION Earthing & Lightning

ELECTRONIC SYSTEM PROTECTION



ESP M1 Series Electronic System Protection

ESP M1 Series are an combined Type 1, 2 and 3 tested protector (to BS EN 61643) for use on mains power distribution systems primarily to protect connected electronic equipment from transient over voltages on the mains supply, e.g. computer, communications or control equipment. For use at boundaries up to LPZ 0 to protect against flashover (typically the main distribution board location, with multiple metallic services entering) through to LPZ 3 to protect sensitive electronic equipment.

N

N

Working

200-280 V

346-484 V

346-484 V

Q

Voltage (RMS)

Short circuit withstand

Temporary Overvoltage

TOVU

350 V

350 V

350 V

ESP M1

- Very low let-through voltage (enhanced protection to BS EN 62305) between all sets of conductors (phase to neutral, phase to earth, neutral to earth – Full Mode protection)
- Full mode design capable of handling partial lightning currents as well as allowing continual operation of protected equipment
- · Repeated protection in lightning intense environments
- Innovative multiple thermal disconnect technology for safe disconnection from faulty or abnormal supplies (without compromising protective performance)
- Three way visual indication of protection status and advanced pre-failure warning so you need to be unprotected
- Remote indication facility allows pre-failure warning to be linked to a building management system, buzzer or light
- Changeover active volt-free contact enables the protector to be used to warn of phase loss(i.e. power failure, blown fuses etc)
- Flashing warning of potentially fatal neutral to earth supply faults (due to incorrect earthing, wiring errors or unbalanced conditions)
- Robust steel housing

Code

ESP240M1

ESP415M1

ESP415M1R

- Base provides ultra-low inductance earth bond to metal panels
- Compact size for installation in the power distribution board
- ESP 120 M1 and ESP 240 M1 have Network Rail Approval PA05/02700 and PA05/01832 respectively. NRS PADS reference 086/000556 (ESP 120 M1) and 086/047149 (ESP 240 M1)

Short Circuit Withstand Capability: 25 kA, 50 Hz

Description

Single phase, full mode

3 phase, full mode with

3 phase, full mode

remote display

Frequency Range: 47-63 Hz Max. Back-up Fuse: 125 A Leakage Current (to earth): <250 μA Indicator Circuit Current: <10 mA Volt Free Contact² : Screw Terminal / Current rating 1 A / Nominal Voltage (RMS) 250 V Temperature Range: -40°C to + 80°C Connection Type: Screw Terminal (Max Torque 2.65Nm) Conductor Size (stranded): 16mm² Earth Connection: Screw Terminal (Max Torque 2.65Nm) Volt Free Contact: Connect via screw terminal with conductor up to 2.5mm² (stranded) Protection: IP20

Nom Voltage

Uo (RMS)

240 V

240 V

240 V

Phase Neutral

Max Voltage

Uc (RMS)

280 V

280 V

280 V

Phase Neutral



ESP 240 M1 (fuses not shown for clarity)

Parallel

Connection

 Parallel Connection ESP 415 M1 (fuses not shown for clarity)



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i.	Call the Remora sales team at 01226 352 0	00

WBX Enclosure

Size

WBX 3

WBX 4

WRX 4

Weight (Kg)

0.6

1.0

1.1

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 Accs.
 Glands
 Conduit
 Boxes
 Junction
 Repairink

Ident & Wiing Tem

Copper Lugs

Earthing & Lightning | ELECTRONIC SYSTEM PROTECTION

ELECTRONIC SYSTEM PROTECTION

ESP 5A & 16A

5A/BX & 16A/BX System Protection

Combined Type 2 and 3 tested protector (to BS EN 61643- for use on low current (up to 5 or 16A) single phase systems to protect connected electronic

equipment from transient over-voltages on the mains supply, e.g. fire/intruder alarm panels. Protectors with /BX suffix come ready-boxed, to IP66, for use in dirty or damp environments. Available for 90-150 volts, 200-280 volts and 232-350 volts supplies. For use at boundaries LPZ 1 through to LPZ 3 to protect



ESP 5A & 16A

- Very low let-through voltage (enhanced protection to BS EN 62305) between all sets of conductors (phase to neutral, phase to earth, neutral to earth – Full Mode protection) allowing continuous operation of equipment
- Repeated protection in lightning intense environments
- · Compact size for easy incorporation in the protected system
- Removable DIN rail foot for simple clip-on mounting to top hat DIN rails (unboxed versions)
- Colour coded terminals give quick and easy installation check grey for the dirty (line) end and green for the clean end
- · Available ready-boxed to IP66 for use in dirty or damp environments (protectors with /BX suffix)
- Robust housing and substantial earth stud
- Fixing holes ready for flat mounting
- Maintenance free
- ESP 240-5A/BX has network Rail Approved PA05/02896. NRS PADS reference 087/037285

Temperature Range: -40°C to 80°C

Connection Type: Screw Terminal (Max Torque 0.5Nm)

Conductor Size (solid): 4mm²

Earth Connection: Via Earth Terminal or M6 Stud (Max Torque 0.5Nm)

Volt Free Contact: Connect via screw terminal with conductor up to 4.0mm² (stranded) Protection: IP20 / IP66 Boxed Version

		Nom Voltage	Maximum			
		Phase Neutral	Voltage Phase	Working	Current	
Code	Description	Uo (RMS)	Neutral Uc (RMS)	Voltage (RMS)	Rating (supply)	Max back-up fuse
ESP240-5A	In-Line protector 5A	240	280	200-280 V	5 A or less	5 A
ESP240-5A/BX	Boxed in-Line protector 5A	240	280	200-280 V	5 A or less	5 A
ESP240-16A	In-Line protector 16A	240	280	200-280 V	16 A or less	16 A
ESP240-16A/BX	Boxed in-Line protector 16A	240	280	200-280 V	16 A or less	16 A

• Connect in-line on supplies fused up to 5A (ESP 240 5A) or 16A (ESP 240 16A). Note how the protector can also be earthed from its earth stud.



• If your supply is fused at more than 16 Amps the ESP 240 M1 are suitable

• Connect in-line on supplies fused up to 5A (ESP 240 5A/BX) or 16A (ESP 240 16A/BX). Note how the protector can also be earthed from its earth stud.



sensitive electronic equipment.

ELECTRONIC SYSTEM PROTECTION Earthing Lightning



ELECTRONIC SYSTEM PROTECTION

WBX Enclosures

A range of moisture and dirt resistant enclosures for the convenient installation of ESP protectors and their associated CME with grey base and either a see through or grey (part number /G or /GS) lid.

WBX Series

WBX enclosures are used when your ESP protector(s) can't be installed within the existing equipment panel or enclosure and for added protection in damp and dirty environments.

- Tough polycarbonate enclosures
- •Weatherproof with IP resistance to dirt and water of IP56 or more

 Clear lid enables easy visual inspection of the protectors visual status indication (WBX 3, WBX 4, WBX 04, WBX 8, WBX 08, WBX M2, WBX M4)
 Grey lid for applications not needing regular protector inspection (WBX 2/G, WBX 3/G, WBX 4/GS, WBX 8/GS and WBX 16/2/G)

•For external CCTV and other installations requiring added security the WBX 4/ GS and WBX 8/GS are supplied with an opaque lid and special secure head screws (plus tool)

•Supplied complete with metal base (mounting) plate with pre-prepared mounting positions and fixing hardware for easy installation (except WBX 2/G which has a plain metal base)

Protection: IP65 / IP66 / IP67 Material: Polycarbonate

		Length		Width		Depth		
Code	Lid Style	Internal	External	Internal	External	Internal	External	IP Rating
WBX3	Clear	222.0	230.0	72.0	80.0	79.0	85.0	IP67
WBX4	Clear	246.0	255.0	171.0	180.0	119.0	125.0	IP66
WBXD4	Clear		174.0		104.0		112.0	IP65
WBXD8	Clear		220.0		235.0		140.0	IP65
WBXM2	Clear	254.0	280.0	254.0	280.0	115.0	130.0	IP67



MICC | SECTION CONTENTS

MINERAL INSULATED COPPER CABLE SYSTEMS

MICC Cable

Heatshrink Repair

Ident & Wiring Term

Copper

Cable Jointing

Junction Boxes

Gland Accs.

Cable Cleats





Mineral Insulated Copper Cable (MICC), also know as pyro cable can withstand temperatures in excess of 1000°C and still operate at its rated voltage. This provides circuit integrity to safety critical applications such as emergency lighting and fire alarm systems. The complete range is LPCB approved and available in light-duty and twisted conductor ranges, with a voltage rating of 500V, and a heavy-duty range with a voltage rating of 750V.

In addition to safety critical applications, these high temperature MICC cables are ideally suited for specific applications, such as instrumentation for nuclear reactors, industries processing or handling flammable liquids and where the power/control cables would be at risk of damage in the event of a fire.



MICC Cable: Mineral Insulated Cable is totally Inorganic and Silicone free in construction. The main construction consists of solid copper conductors (cores), highly compressed magnesium oxide (MgO) insulation and a solid copper sheath. This unique construction gives melting points of 1083°C and 2800°C for the copper and insulation respectively. This provides fire survival whilst continuing to safely carry a load for 3 hours at 950°C and for short periods of time in temperatures in excess of 1000°C.

MICC cables can also be considered to be non-aging as copper and MgO will not deteriorate with age in most situations. Cables normally need to be replaced as the polymers used for insulation breakdown causing the insulation resistance (IR) to fall thus creating an unsafe system. The total life cycle costs of MICC cables in a building with a typical 40 - 50 year design expectancy would be considerably less than those using an XLPE steel wire armoured LSZH fire retardant cable, thus off-setting any initial capital expenditure.

For the majority of modern installations, bare copper sheathed cable will suffice requiring no additional outer covering. In this state the cable is resistant to oil, water and many other gases and liquids. Where the natural corrosion resistance of the copper sheath is not sufficient, it can be augmented with an additional LSZH (low smoke zero halogen) outer covering. This outer covering can also be used for coloured circuit identification or visual appearance.



MICC I LIGHT DUTY MICC CABLE

MINERAL INSULATED COPPER CABLE - LIGHT DUTY

MICC Cables Mineral Insulated Copper Cable

Mineral Insulated Cable (MICC) has been in use commercially since 1937, the fact that it is still widely used today is evidence that it has not been bettered by any other cable system. Soft skinned polymeric cables are a compromise in safety, fire performance and longevity when comparisons are made to MICC cables. Any cable system that relies on polymers for conductor insulation will burn and will be very likely to fail in a real fire situation, MICC cable does not rely on polymers for insulation.



- Solid Copper Conductors
- Magnesium Oxide Insulation (MgO)
- Solid Copper Sheath
- LSZH Outer Sheath (Optional)

Why Mineral Insulated Cable?

Fire Resistant

Will neither burn nor support combustion.

High Mechanical Strength

Withstands considerable stresses such as bending, twisting and flattening, even in a fire situation.

High Operational Temperatures

Continuous operating temperature up to 250°C and for shorter periods up to 1083°C, the melting point of copper. Earth Continuity

Our cables do not require a separate earth continuity conductor as the outer copper sheath serves this purpose providing excellent low resistance earth continuity.

Inherent Flame-proof Barrier

With a non-flammable copper sheath the highly compacted insulation will resist the transmission of vapours, gases and flames between items of equipment connected by the cable.

Pliable

Mineral insulated cable is fully annealed and consequently extremely ductile and easily manipulated to follow existing wiring routes and irregular shapes.

Non-Ageing

Mineral insulated cable is permanent and does not weaken or degrade with age offering longer and safer life spans. Small Overall Diameter

Our cables have a smaller diameter than soft skinned fire resistant cables of equivalent ratings.

Air tight

Impervious to water, oil and gas.

Accessories

To complement the cable Remora has developed a complete range of accessories including glands, seals and fixings. Please see MICC Accessories section from page 238.





Tooling & Cable Prep

MINERAL INSULATED COPPER CABLE - LIGHT DUTY

MICC Fire Survival Cable (Light Duty 500v)

Remora Mineral Insulated Cable is a copper sheathed cable, designed to safely transmit power and control signals of critical equipment. Standards: BS EN 60702-1:2002+A1:2015 Cable Type: Fire Survival Cable - Fire Resistant exceeding 3 hours @ 950°C Temperature Range: -40°C to 250°C Conductors: Plain Annealed Copper (Cu-ETP-2) Insulation: Compressed Magnesium Oxide (Mg0) Sheath: Copper (Cu-DHP) Sheath (optional): Coloured LSZH polymer Colour: Bare Copper, Black, Orange, Red, White



	S Conductors		Cables Exposed to Touch (ratings)			Section	tton npedance ms / Km		Cable Dia (mm)		Approx Weight per 1km (kg)		Gland Size		One Hole Clips		Two-Way Saddles		
	Cable Size Reference	no.	mm²	Bare	Covered	AMP/m mV	Sheath Cross Sec Area (mm²)	Earth Fault Loop Impedance @70°C (R1+R2) Ohms / Km	Maximum Conductor Re- sistance 0Ω/Km @20°C	Bare	LSZH Covered	Bare	LSZH Covered	Plain Seal (mm)	Earth Tail (mm)	Bare Copper	LSZH Covered	Bare Copper	LSZH Covered
	2L1.5	2	1.5	20.5	23.0	28	6.3	18.62	12.1	5.7	7.2	132	156	20	20	22	28	222	302
- (• •)	2L2.5	2	2.5	28.0	31.0	17	8.2	11.98	7.4	6.6	8.1	184	207	20	20	26	32	272	342
\smile	2L4.0	2	4.0	36.0	40.0	10	10.7	7.91	4.6	7.7	9.4	253	290	20	20	30	37	302	382
	3L1.5	3	1.5	17.0	19.0	24	7.8	17.82	12.1	6.4	7.9	172	199	20	20	24	30	272	342
$\mathbf{\mathbf{U}}$	3L2.5	3	2.5	23.5	26.0	14	9.5	11.62	7.4	7.3	9.0	234	270	20	20	28	34	302	342
	4L1.5	4	1.5	17.0	19.0	24	9.1	17.41	12.1	7.0	8.5	209	243	20	20	28	34	302	342
$\mathbf{\bigcirc}$	4L2.5	4	2.5	23.0	26.0	14	11.3	11.16	7.4	8.1	9.8	288	333	20	20	32	37	342	422
	7L1.5	7	1.5	13.0	14.0	28	11.8	16.75	12.1	8.4	10.1	310	351	25	25	32	40	342	422
	7L2.5	7	2.5	17.0	19.0	17	15.4	10.58	7.4	9.7	11.4	433	475	25	25	37	43	382	462

Tools

To complement the cable Remora has developed a complete range of tooling manufactured in the UK. These tools are specifically designed to be robust and to give long life performance. Please see MICC Tooling section from page 246.



Earthing Lightning

MICC Cable

Tooling & Cable Ties Cable Prep & Acc

MINERAL INSULATED COPPER CABLE - TWISTED & HEAVY DUTY

MICC Twisted Conductor Cable

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

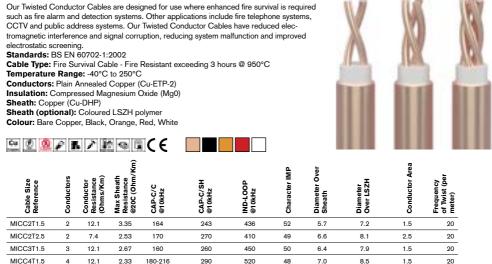
Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning



MICC Cables HDMineral Insulated Copper Cable

Mineral Insulated Cable (MICC) has been in use commercially since 1937, the fact that it is still widely used today is evidence that it has not been bettered by any other cable system. Soft skinned polymeric cables are a compromise in safety, fire performance and longevity when comparisons are made to MICC cables. Any cable system that relies on polymers for conductor insulation will burn and will be very likely to fail in a real fire situation, MICC cable does not rely on polymers for insulation.





MICC Fire Survival Cable (Heavy Duty 750v) See Right...

Remora Mineral Insulated Cable is a copper sheathed cable, designed to safety transmit power and control signals of critical equipment. Standards: BS EN 60702-1:2002 Cable Type: Fire Survival Cable - Fire Resistant exceeding 3 hours @ 950°C Temperature Range: -40°C to 250°C Conductors: Plain Annealed Copper (Cu-ETP-2) Insulation: Compressed Magnesium Oxide (Mg0) Sheath: Copper (Cu-DHP) Sheath (optional): Coloured LSZH polymer Colour: Bare Copper, Black, Orange, Red, White



MINERAL INSULATED COPPER CABLE - HEAVY DUTY

MICC Fire Survival Cable (Heavy Duty 750v)

erence	Cond	luctors		s Expos ch (ratii		Section	lmpedance Dhms / Km	Conductor Re- Ω/Km @20°C	Cable (mr		App Weigh 1km	nt per	Gland	_	One H Clip		Two-' Sado	
Cable Size Reference	no.	mm²	Bare	Covered	AMP/m mV	Sheath Cross Area (mm²)	Earth Fault Loop Impedance @70°C (R1+R2) Ohms / Km	Maximum Conductor sistance 0Ω/Km @20°	Bare	LSZH Covered	Bare	LSZH Covered	Plain Seal (mm)	Earth Tail (mm)	Bare Copper	LSZH Covered	Bare Copper	LSZH Covered
1H2.5	1	2.5	39	43	13.5	6.44	3.71	7.41	5.3	6.6	111	128	20	20	20	26	202	272
1H4	1	4	51	56	8.3	7.7	3.09	4.61	5.9	7.2	143	166	20	20	22	28	222	272
1H6	1	6	47	52	6	8	5.318	3.08	6.4	7.7	173	213	20	20	24	30	272	342
1H10	1	10	63	70	3.6	9	3.545	1.83	7.3	9.0	241	274	20	25	28	34	302	342
1H16	1	16	83	92	2.3	12	2.471	1.15	8.3	10.0	327	364	20	25	32	37	342	422
1H25	1	25	108	120	1.45	15	1.715	0.727	9.6	11.3	458	500	20	32	37	43	382	462
1H35	1	35	132	147	1.05	18	1.329	0.524	10.7	12.4	600	650	20	32	40	47	422	502
1H50	1	50	163	181	0.79	22	1.040	0.387	12.1	13.8	760	812	25	40	47	54	502	542
1H70	1	70	199	221	0.55	27	0.781	0.268	13.7	15.4	1019	1080	25	-	54	59	542	632
1H95	1	95	237.5	265	0.41	32	0.819	0.193	15.4	17.7	1326	1416	25	-	59	67	632	702
1H120	1	120	272.5	303	0.33	37	0.516	0.153	16.8	19.1	1615	1713	32	-	63	75	702	752
1H150	1	150	311	346	0.29	44	0.435	0.124	18.4	20.7	1952	2059	32	-	71	79	752	812
1H185	1	185	353	392	0.25	54	0.368	0.101	20.4	23.2	2425	2570	32	-	79	88	812	932
1H240	1	240	411	457	0.21	70	0.297	0.077	23.3	26.1	3146	3312	40	•	88	101	932	1042
1H300	1	300	795 948	883	0.31	84.6	0.28	0.077	26	28.8	3791	3972	n/a	n/a	101			
1H400 2H1.5	1	400	22.5	1053 25.0	0.28	106	0.22	0.044	7.9	32.8 9.6	5004 247	5211 284	n/a 20	n/a 20	n/a 30	37	342	382
2H1.5 2H2.5	2	2.5	31.0	34.0	17.0	13	10.90	7.41	8.7	10.4	247	335	20	20	34	40	342	422
2H4	2	4.0	40.5	45.0	10.0	16	7.185	4.61	9.8	11.5	365	415	20	20	34	40	422	462
2H6	2	6.0	51.0	57.0	7.0	18	5.073	3.08	10.9	12.6	463	510	20	25	43	40	462	502
2H10	2	10.0	69.0	77.0	4.2	24	3.272	1.83	12.7	14.4	635	725	25	32	47	54	502	592
2H16	2	16.0	92.0	102.0	2.6	30	2.220	1.15	14.7	16.4	855	918	25	40	54	63	592	702
2H25	2	25.0	120.0	135.0	1.65	38	1.531	0.727	17.1	19.4	1185	1285	32	40	67	75	702	752
3H1.5	3	1.5	19.0	21.0	24.0	12	16.72	12.1	8.3	10.0	265	310	20	20	32	37	342	422
3H2.5	3	2.5	25.0	28.0	14.0	14	10.71	7.41	9.3	11.0	345	390	20	25	37	43	382	462
3H4	3	4.0	33.0	37.0	9.1	17	7.041	4.61	10.4	12.1	452	495	20	25	40	47	422	502
3H6	3	6.0	43.0	48.0	6.0	20	4.953	3.08	11.5	13.2	562	602	25	25	43	51	462	542
3H10	3	10.0	58.5	65.0	3.6	27	3.147	1.83	13.6	15.3	758	817	25	32	54	59	542	632
3H16	3	16.0	77.0	86.0	2.3	34	2.133	1.15	15.6	17.9	1039	1130	25	40	59	71	632	752
3H25	3	25.0	101.0	112.0	1.45	42	1.476	0.727	18.2	20.5	1451	1557	40	40	71	79	752	812
4H1.5	4	1.5	19.0	21.0	24.0	14	16.43	12.1	9.1	10.8	330	370	20	20	37	43	382	462
4H2.5	4	2.5	25.0	28.0	14.0	16	10.49	7.41	10.1	11.8	412	445	20	25	40	47	422	462
4H4	4	4.0	33.0	37.0	9.1	20	6.814	4.61	11.4	13.1	530	608	25	25	43	51	462	542
4H6	4	6.0	43.0	48.0	6.0	24	4.782	3.08	12.7	14.4	740	790	25	32	47	54	502	592
4H10	4	10.0	58.5	65.0	3.6	30	3.036	1.83	14.8	16.5	916	979	25	32	54	63	592	702
4H16	4	16.0	77.0	86.0	2.3	39	2.026	1.15	17.3	19.6	1292	1393	32	40	67	75	702	752
4H25	4	25.0	101	112	1.45	49	1.384	0.727	20.1	22.9	1813	1956	40	40	79	88	812	932
7H1.5 7H2.5	7	1.5	13	14.0	28	18	16.00	12.1	13.0	14.0	435	482	25	25	43	47	472	502
7H2.5 12H1.5	12	2.5	17.0	19.0 15.8	28	22	10.10	7.41	17.0	19.0 15.8	563 710	616 770	32	25	54	54	502	542 622
12H1.5 12H2.5	12	1.5 2.5	14.1	15.8	28	34	15.52 9.70	7.41	14.1	15.8	910	1001	32		54	71	592 632	632 752
19H1.5	12	1.5	16.6	17.9			0.70	1.41	10.0	17.0	010	1001	52	-	55	/1	002	, 52

MICC | LIGHT & HEAVY DUTY RGM CABLE GLANDS

MICC ATEX CABLE GLANDS - LIGHT DUTY

MICC Glands ATEX & IECEx Approved Brass Glands

ATEX & IECEx approved Brass glands for use in both hazardous and standard working environments. Some sizes are seal dependent, a guide is given below. Manufactured and tested in compliance with EN 60079-0, EN 60079-1 and EN 60079-3. MICC Glands are specifically approved for apparatus (type of protection 'd') Zones 1 & 2, Groups IIA, IIB and IIC



MICC RGM Cable Glands (Light Duty)

Remora RGM Glands are designed to be used with mineral insulated cables. They are precision manufactured from high quality extrusion brass and approved for hazardous areas. **Hazardous:** Atex Zones 1 & 2 EExd **Markings:** II 2G 1D, Ex db IIC Gb and Ex Ta IIIC Da WMC

Protection: IP54

Temperature Range: -20°C to 450°C Material: Brass BS 2874



	Entry Thread			Pack
Code	Size	Length	Cap Diameter	QTY
RGM2L1.0	M20 x 1.5	13.0	18.5	10
RGM2L1.5	M20 x 1.5	13.0	18.5	10
RGM2L2.5	M20 x 1.5	13.0	18.5	10
RGM2L4.0	M20 x 1.5	13.0	18.5	10
RGM3L1.0	M20 x 1.5	13.0	18.5	10
RGM3L1.5	M20 x 1.5	13.0	18.5	10
RGM3L2.5	M20 x 1.5	13.0	18.5	10
RGM4L1.0	M20 x 1.5	13.0	18.5	10
RGM4L1.5	M20 x 1.5	13.0	18.5	10
RGM4L2.5	M20 x 1.5	13.0	18.5	10
RGM7L1.0	M25 x 1.5	13.0	24.0	2
RGM7L1.5	M25 x 1.5	13.0	24.0	2
RGM7L2.5	M25 x 1.5	13.0	24.0	2

Zone Description

The RGM can be used with flame-proof apparatus sub-groups IIA, IIB, IIC and all other 'Types of protection' including general applications.

- Zone 0: In which an explosive Gas-Air mixture is continuously present or for long periods.
- Zone 1: In which an explosive Gas-Air mixture is Not Likely to occur in normal operation.
- Zone 2: In which an explosive Gas-Air Mixture is Not Likely to occur in normal operation, and if it
 occurs it will exist only for a short time.

Type of Protect	tion	Zone	App. Grouping	Gland Ref.	Seal Ref.
Flame-proof	Exd	12	IIA IIB IIC	RGM	RPS RPSL

Cable Ties Tooling & Fixing & & Acc Cable Prep Security

LIGHT & HEAVY DUTY RGM CABLE GLANDS I MICC

MICC ATEX CABLE GLANDS - HEAVY DUTY





MICC RGM Cable Glands (Heavy Duty)

Remora RGM Glands are designed to be used with mineral insulated cables. They are precision manufactured from high quality extrusion brass and approved for hazardous areas. **Hazardous:** Atex Zones 1 & 2 EExd **Markings:** II 2G 1D, Ex db IIC Gb and Ex Ta IIIC Da WMC

Protection: IP54 Temperature Range: -20°C to 450°C Material: Brass BS 2874



	Entry Thread			Pack
Code	Size	Length	Cap Diameter	QTY
RGM2H1.5	M20 x 1.5	13.0	18.5	10
RGM2H2.5	M20 x 1.5	13.0	18.5	10
RGM2H4.0	M20 x 1.5	13.0	18.5	10
RGM2H4.0-M25	M25 x 1.5	13.0	24.0	2
RGM2H6	M20 x 1.5	13.0	18.5	10
RGM2H6-M25	M25 x 1.5	13.0	24.0	2
RGM2H10-M25	M25 x 1.5	13.0	24.0	2
RGM2H10-M32	M32 x 1.5	13.0	27.0	2
RGM3H1.5	M20 x 1.5	13.0	18.5	10
RGM3H2.5	M20 x 1.5	13.0	18.5	10
RGM3H2.5-M25	M25 x 1.5	13.0	24.0	2
RGM3H4.0	M20 x 1.5	13.0	18.5	10
RGM3H4-M25	M25 x 1.5	13.0	24.0	2
RGM3H6-M25	M25 x 1.5	13.0	24.0	2
RGM3H10-M25	M25 x 1.5	13.0	24.0	2
RGM3H10-M32	M32 x 1.5	13.0	27.0	2
RGM4H1.5	M20 x 1.5	13.0	18.5	10
RGM4H2.5	M20 x 1.5	13.0	18.5	10
RGM4H2.5-M25	M25 x 1.5	13.0	24.0	2
RGM4H4-M25	M25 x 1.5	13.0	24.0	2
RGM4H6-M25	M25 x 1.5	13.0	24.0	2
RGM4H6-M32	M32 x 1.5	13.0	27.0	2
RGM4H10-M25	M25 x 1.5	13.0	24.0	2
RGM4H10-M32	M32 x 1.5	13.0	27.0	2







Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.



Tooling & Cable Ties Cable Prep & Acc

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution

MICC | RPS SEALS & RPSL EARTH TAIL SEALS

MICC RPS TERMINATION SEALS





MICC RPS Cable Seals

RPS seals (commonly known as standard seal) are designed to be used in conjunction with Remora RGM cable glands. Manufactured and tested to BS EN 60702-2:2002. **Temperature Range:** -20°C to 105°C

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Light Duty Cables

Code	Cable Size	Gland Size
RPS2L1.0	MICC2L1.0	M20
RPS2L1.5	MICC2L1.5	M20
RPS2L2.5	MICC2L2.5	M20
RPS2L4.0	MICC2L1.4	M20
RPS3L1.0	MICC3L1.0	M20
RPS3L1.5	MICC3L1.5	M20
RPS3L2.5	MICC3L2.5	M20
RPS4L1.0	MICC4L1.0	M20
RPS4L1.5	MICC4L1.5	M20
RPS4L2.5	MICC4L2.5	M20
RPS7L1.0	MICC7L1.0	M25
RPS7L1.5	MICC7L1.5	M25
RPS7L2.5	MICC7L2.5	M25



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Heavy Duty Cables

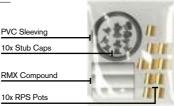
Code	Cable Size	Gland Size
RPS2H1.5	MICC2H1.5	M20
RPS2H2.5	MICC2H2.5	M20
RPS2H4	MICC2H4	M20
RPS2H6	MICC2H6	M20
RPS2H10-M25	MICC2H10	M25
RPS2H16-M25	MICC2H16	M25
RPS2H25-M32	MICC2H25	M32
RPS3H1.5	MICC3H1.5	M20
RPS3H2.5	MICC3H2.5	M20
RPS3H4	MICC3H4	M20
RPS3H6-M25	MICC3H6	M25
RPS3H10-M25	MICC3H10	M25
RPS3H16-M25	MICC3H16	M25
RPS3H25-M40	MICC3H25	M40
RPS4H1.5	MICC4H1.5	M20
RPS4H2.5	MICC4H2.5	M20
RPS4H4-M25	MICC4H4	M25
RPS4H6-M25	MICC4H6	M25
RPS4H10-M25	MICC4H10	M25
RPS4H16-M32	MICC4H16	M32
RPS4H25-M40	MICC4H25	M40

Single Core Cables

Code	Cable Size	Gland Size
RPS1H2.5	MICC1H2.5	M20
RPS1H4	MICC1H4	M20
RPS1H6	MICC1H6	M20
RPS1H10	MICC1H10	M20
RPS1H16	MICC1H16	M20
RPS1H25	MICC1H25	M20
RPS1H35	MICC1H35	M20
RPS1H50	MICC1H50	M25
RPS1H70	MICC1H70	M25
RPS1H95	MICC1H95	M25
RPS1H120	MICC1H120	M32
RPS1H150	MICC1H150	M32
RPS1H185	MICC1H185	M32
RPS1H240	MICC1H240	M40

Pack Contents

The RPS pack consists of brass pots, stub caps, RMX sealing compound and PVC sleeving.



Cable

Cable Ties Tooling & & Acc Cable Prep



MICC RPSL EARTH TAIL TERMINATION SEALS





MICC RPSL 'Earth Tail' Cable Seals

RPSL seals (commonly known as Earth Tail Seals) are designed to be used in conjunction with Remora RGM cable glands. Manufactured and tested to BS EN 60702-2:2002. Earth Tail Seals have an integral 150mm Earth Tail soldered into the base of the brass pot. Providing earth continuity for conductor sizes up to 50mm². Temperature Range: -20°C to 105°C

Light Duty Cables

Code	Cable Size	Gland Size
RPSL2L1.0	MICC2L1.0	M20
RPSL2L1.5	MICC2L1.5	M20
RPSL2L2.5	MICC2L2.5	M20
RPSL2L4.0	MICC2L1.4	M20
RPSL3L1.0	MICC3L1.0	M20
RPSL3L1.5	MICC3L1.5	M20
RPSL3L2.5	MICC3L2.5	M20
RPSL4L1.0	MICC4L1.0	M20
RPSL4L1.5	MICC4L1.5	M20
RPSL4L2.5	MICC4L2.5	M20
RPSL7L1.0	MICC7L1.0	M25
RPSL7L1.5	MICC7L1.5	M25
RPSL7L2.5	MICC7L2.5	M25

Heavy Duty Cables

Code	Cable Size	Gland Size
RPSL2H1.5	MICC2H1.5	M20
RPSL2H2.5	MICC2H2.5	M20
RPSL2H4-M25	MICC2H4	M25
RPSL2H6-M25	MICC2H6	M25
RPSL2H10-M32	MICC2H10	M32
RPSL2H16-M40	MICC2H16	M40
RPSL2H25-M40	MICC2H25	M40
RPSL3H1.5	MICC3H1.5	M20
RPSL3H2.5-M25	MICC3H2.5	M25
RPSL3H4-M25	MICC3H4	M25
RPSL3H6-M25	MICC3H6	M25
RPSL3H10-M32	MICC3H10	M32
RPSL3H16-M40	MICC3H16	M40
RPSL3H25-M40	MICC3H25	M40
RPSL4H1.5	MICC4H1.5	M20
RPSL4H2.5-M25	MICC4H2.5	M25
RPSL4H4-M25	MICC4H4	M25
RPSL4H6-M32	MICC4H6	M32
RPSL4H10-M32	MICC4H10	M32
RPSL4H16-M40	MICC4M16	M40
RPSL4H25-M40	MICC4H25	M40

Single Core Cables

Code	Cable Size	Gland Size
RPSL1H2.5	MICC1H2.5	M20
RPSL1H4	MICC1H4	M20
RPSL1H6	MICC1H6	M20
RPSL1H10-M25	MICC1H10	M25
RPSL1H16-M25	MICC1H16	M25
RPSL1H25-M32	MICC1H25	M32
RPSL1H35-M32	MICC1H35	M32
RPSL1H50-M40	MICC1H50	M40

Gland Accs.

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands



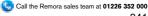
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Pack Contents

The RPSL pack consists of brass pots with 150mm Earth Tail, stub caps, RMX sealing compound, Black RMX Compound PVC sleeving and Green/Yellow PVC Sleeving.

PVC Sleeving 10x Stub Caps

10x RPSL Pots + 150mm Earth Tail



MICC | 'P' CLIPS & SADDLES

FIRE SURVIVAL CABLE CLIPS





Fire Cable Clips (RCHL)

Fire Cable Clips are designed to secure MICC or 'Soft-Skin' fire cables. Manufactured from high quality copper they are available in bare copper or with a coloured LSZH (Low Smoke Zero Halogen) powder coating. Tested and certified to meet the strictest requirements of the London Underground Standard 2-01001-002.

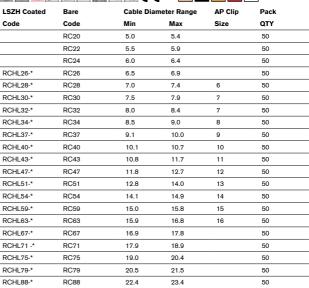
Standards: LUL 2-01001-002 BS 476 Part 6:1989

BS 476 Part 7:1997

Temperature Range: Max 200°C

Clip Material: Copper BS 1432 C101 Coating: Valspar Polyester LSZH Powder Coated Colours: Black, Orange, Red, White, Copper

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Conforms to British Standards when Applied:

. London Underground Limited - Certified to BS6853: 1987 : B5.2 Smoke and Toxic Fume Emissions

- Warrington Fire Research Certified to BS 476; 1989 : Part 6 Fire Propagation Test Class '0'
- •Warrington Fire Research Certified to BS 476; 1997 : Part 7 Surface Spread of Flames Test Class '1'

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

FIRE SURVIVAL CABLE SADDLES







Fire Cable Saddles (RSFL)

Fire Cable Saddles are designed to secure MICC or 'soft-skin' fire cables. Manufactured from high quality copper they are available in bare copper or with a coloured LSZH (Low Smoke Zero Halogen) powder coating. Tested and certified to meet the strictest requirements of the London Underground Standard 2-01001-002.

Standards: LUL 2-01001-002 BS 476 Part 6:1989

BS 476 Part 6:1989 BS 476 Part 7:1997

BS 476 Part 7:199

Temperature Range: Max 200°C Saddle Material: Copper BS 1432 C101

Coating: Valspar Polyester LSZH Powder Coated Colours: Black, Orange, Red, White, Copper

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LSZH Coated	Bare	Cable Diameter Ran	nge Pack
Code	Code	Min Max	QTY
	RS202	4.7 5.2	50
	RS222	5.3 5.7	50
•	RS242	5.8 6.2	50
RSFL272-*	RS272	6.3 6.9	50
RSFL302-*	RS302	7.0 7.7	50
RSFL342-*	RS342	7.8 9.0	50
RSFL382-*	RS382	9.1 9.7	50
RSFL422-*	RS422	9.8 10.7	50
RSFL462-*	RS462	10.8 11.1	50
RSFL502-*	RS502	11.2 12.1	50
RSFL542-*	RS542	12.2 13.0	50
RSFL632-*	RS632	13.1 13.8	50
RSFL702-*	RS702	13.9 14.9	50
RSFL752-*	RS752	16.2 16.1	50
RSFL812-*	RS812	17.0 17.9	50
RSFL932-*	RS932	18.0 20.0	50

How To Order



B = Black O = Orange R = Red W = White

Call the Remora sales team at 01226 352 000

Challenge us - We find a solution



Tooling & Cable Ties Cable Prep & Acc

MICC ACCESSORIES

MICC TERMINATION ACCESSORIES



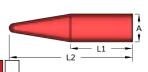
PVC Mineral Gland Shrouds (MICC Glands)

Remora Mineral Shrouds are manufactured from PVC and are designed to cover the mineral cable glands giving a neat and safe professional finish. Available in Standard and LS material. Temperature Range: -40°C to 65°C Material: PVC / LS PVC Colour: Black, Orange, Red, White

2B/9(f

Material: LSZH Silicone

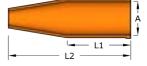
Colour: Black, Orange, Red, White



Standard	Low Smoke PVC	Reference		Parallel	Overall	
Code	Code	Size	ID (A)	Length (L1)	Length (L2)	Pack QTY
MI20*	MI20*LS	M20	22.0	40.0	132.0	100
MI25*	MI25*LS	M25	26.0	61.0	146.0	100
MI32*	MI32*LS	M32	35.0	58.0	142.0	50

LSZH Silicone Shrouds (MICC Glands)

LSZH Silicone Shrouds are Low Smoke Zero Halogen shrouds which can be used to cover the cable glands giving a neat and safe professional finish. Designed to suit MICC Cable Glands. Injection moulded from LSZH Silicone material. Protection: Halogen Free Temperature Range: -60°C to 250°C

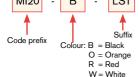


Overall

Parallel

How To Order MI20 В LST Suffix Code prefix Colour: B = Black O = Orange R = Red





Code	Size	ID (A)	Length (L1)	Length (L2)	Pack QTY
MI20*LST	M20	20.0	41.0	91.0	100
MI25*LST	M25	27.0	41.0	91.0	100
MI32*LST	M32	38.0	41.0	117.0	50

Reference



RMX Sealing Compound

RMX Sealing Compound is designed for a wide range of electrical applications and is used for filling cavities, making airtight and watertight joints. Manufactured from non oxidizing oil based compound.

Temperature Range: 150°C Continuous

Material: Non oxidizing oil based compound on oxidizing resin/oil based compound

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Code	Description
RMX1	RMX Compound - 6 sticks totalling 80g
	1 pack per 15 glands

Cable Cleats

Earthing

Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

Junction Boxes

Flexible Conduit

ACCESSORIES MICC

MICC TERMINATION ACCESSORIES

RZP Stub Sleeving

RZP 16.0 *

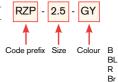
RZP Sleeving is designed to fit neatly over the conductors as protection and identification. Self-Extinguishing in 30s Temperature Range: -20°C to 105°C Colour: Black, Blue, Red, Green/Yellow, Brown Material: PVC Standards: BS 2848/3/105t Regee Code Size mm² Pack QTY RZP1.5 * 1.5 3m Hank RZP 2.5 * 3m Hank 2.5 RZP 4.0 * 3m Hank 4.0 RZP 6.0 * 6.0 3m Hank RZP 10.0 10.0 3m Hank

3m Hank

16.0



How To Order



B = Black
BL = Blue
R = Red
Br = Brown
GY= Green/Yellow

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

RZE Extension Sleeving

RZE Sleeving commonly known as extension sleeving which is designed to fit over the RZP Self-Extinguishing in 30s

Temperature Range: -20°C to 105°C Colour: Black Material: PVC Standards: BS 2848/3/105t

I REORCE

Code	Size mm ²	Pack QTY
RZE1.5B	1.5	3m Hank
RZE 2.5B	2.5	3m Hank
RZE 4.0B	4.0	3m Hank
RZE 6.0B	6.0	3m Hank
RZE 10.0B	10.0	3m Hank
RZE 16.0B	16.0	3m Hank



Locknuts, Sealing and Serrated Washers

A full range of locknuts and washers are also available for use with this product range. Please see Cable Gland Accessories section from page 176.



50 Call the Remora sales team at 01226 352 500

Challenge us - We find a solution

MICC MICC TOOLING

MICC TOOLING

MICC Tooling

To complement our MICC cable range Remora has developed a complete range of tooling manufactured in the UK. These tools are specifically designed to be robust and to give long life performance.



ZSJ Joystripper

The Joystripper is designed for stripping the sheath on popular cables sizes. Suits Cable Sizes; 2L1, 2L1.5, 2L2.5, 3L1, 3L1.5, 4L, 4L1.5

Code	Description
ZSJ	Joystripper tool
ZSJB	Joystripper replacement blade (sold individually)

ZSUS & ZSU Rotary Stripper

The Rotary stripper can be used on all cable sizes throughout the MICC range.

Code	Description
ZSUS	The rotary stripper can be used on all mineral cables up to 8.0mm diameter
ZSUSB	5 x replacement blades for rotary stripper ZSUS
ZSU	The rotary stripper can be used on all mineral cable above 8.5mm diameter
ZSUB	5 x replacement blades for rotary stripper ZSU

ZR Ringing Tool

When using side cutters or a stripping rod to strip the cable sheath, a ringing tool is used to score a light groove around the cable to neatly terminate the stripping action.

Code	Description
ZR	Ring tool
	ZR

ZPM Pot Wrench

A Pot Wrench is used in conjunction with the appropriate RGM Glands to ensure quick and accurate screwing of the brass pot.

Code	Description
ZPM20	M20 gland potting wrench
ZPM25	M25 gland potting wrench
ZPM32	M32 gland potting wrench
ZPM40	M40 gland potting wrench
-	







Cable Ties Tooling & & Acc Cable Prep Fixing & Security

MICC TOOLING | MICC

MICC TOOLING



ZRP Wrench

The ZRP Wrench is a quick and easy tool for screwing on brass seal pots.

*20mm pots only.

Code	Description
ZRP	M20 pot wrench



Hand Crimper tool is a robust long life product that applies three point crimping action to the brass pot seal, securely locking the cap into position.

Code	Description
ZDC20	M20 Hand Crimping Tool
ZDC25	M25 Hand Crimping Tool



Flexible Junction Conduit Boxes

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

MICC Cable

Fixing & Tooling & Cable Ties Security Cable Prep & Acc

ZDD Plate Crimper

The ZDD Plate Crimper tool locks the stub cap into the pot by creating three crimped indentations. This is a low cost tool with a life of approximately 100 operations.

Code	Description
ZDD32	M32 gland economy crimper
ZDD40	M40 gland economy crimper

MICC Bending Lever

To assist in the dressing of cables or when using the larger cables. The bending lever will help save time.

Code	Description
ZBLA	Bending lever for cables 10-16mmOD
ZBLB	Bending lever for cables 16-27mmOD



Cable Ties & Banding | SECTION CONTENTS

CABLE TIES & BANDING

Cable Ties & Banding

Cable Ties & Banding

The Remora range of Nylon Cable Ties and Banding are designed and manufactured to meet and surpass the most commonly specified international standards.

Designed to address the full requirements of BS EN 62275:2009. Manufactured from Polyamide PA66 which is certified to UL94-V2 under the BS EN 62275:2009 testing regime.

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

SECTION CONTENTS | Cable Ties & Banding

ldent & Wiring Term

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Earthing Lightning

MICC Cable

> Cable Ties & Acc

Fixing & Tooling & Security

Multi-Purpose Fixing Band	Р. 250 251	00F
Nylon Cable Ties	р. 252 255	<u>/</u>
Printed Cable Ties	P. 256	1
Metal Content Cable Ties	P. 257	1
Stainless Steel Cable Ties	Р. 258 259	~
Stainless Steel Releasable Tie	<mark>s</mark> p. 260 261	 Image: A set of the set of the
Accessories	p. 262 265	×

Cable Ties & Banding | MULTI PURPOSE FIXING BAND

Multi-Purpose Halogen Free Coating Fixing Band

Multi-purpose fixing band is ideal for bending and forming around virtually any section or shape. Resistant to physical abrasion, UV light and corrosive environments for many applications where plastic cable ties are simply inadequate or even dangerous.

MULTI PURPOSE FIXING BAND

Earthing Lightning

Cable

Cable Ties & Acc

Tooling & Cable Prep

Fixing & Security

Multi-Purpose

Multi Purpose Fixing Band is a versatile product used in many applications. It is available in three widths 12, 17 & 26mm manufactured from Carbon Steel coated as standard used to secure cables, pipes, ducts & conduits. Easy to bend and cut. Other materials offered are Copper and Stainless Steel.

Fire Tested

ARB12B

RemoraElectrical

Our fixing band is fire tested for 3 hours at 950°C. The combination of a steel core with Zero Halogen coating means it's safe and suitable for use in the most extreme conditions. Meets BS 7671:2018 (Requirements for Electrical Installations)

Features and Benefits

- High tensile strength
- Pre-punched holes make fastening quick and easy
- Easy to form around any section
- UV resistant
- Halogen free
- Resistant to corrosive environments

SSE

- Tough coating prevents cracking/flaking during bending/application
- Resistant to physical abrasion
- Available in three widths

MULTI PURPOSE FIXING BAND Cable Ties & Banding



MULTI PURPOSE FIXING BAND

Fixing Band Multi-Purpose Fixing Band

Multi-Purpose Fixing Band is a versatile product used in many applications. It is available in three widths 12, 17 & 26mm manufactured from Carbon Steel coated as standard used to secure cables, pipes, ducts & conduits. Available bare galvanised (G) or coated in Black (B), White (W), Red (R) and Orange (O). Other materials offered are Copper and Stainless Steel.

Multi-Purpose Fixing Band

- High tensile strength
- Corrosion resistance
- · Coating is kind to hands/cable
- · Easy to form around any section

Temperature Range: -15°C to 50°C Material: Carbon Steel / PE Coated Standards: BS 7671:2018



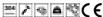
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Standard						Max Working
Code	Width (W)	Length (m)	Thickness	Fixing Hole Dia (F)	Centers (L1)	Load (Kg)
ARB12G	12.0	10.0	0.8	5.0	15.0	75.0
ARB12B	12.0	10.0	0.8	5.0	15.0	75.0
ARB12R	12.0	10.0	0.8	5.0	15.0	75.0
ARB12W	12.0	10.0	0.8	5.0	15.0	75.0
ARB17G	17.0	10.0	0.8	7.0	20.0	95.0
ARB17B	17.0	10.0	0.8	7.0	20.0	95.0
ARB17R	17.0	10.0	0.8	7.0	20.0	95.0
ARB17W	17.0	10.0	0.8	7.0	20.0	95.0
ARB26G	26.0	10.0	0.8	8.0	28.0	200.0
ARB26B	26.0	10.0	0.8	8.0	28.0	200.0

304 Stainless Steel

 Increased tensile strength and operating temperature Temperature Range: -60°C to 160°C

Material: 304 Stainless Steel



• 316 Stainless Steel version available on request

Stainless Steel	l				Max Working
Code	Width (W)	Length (m)	Thickness	Fixing Hole Dia (F)	Load (Kg)
ARB12SS	12.0	10.0	0.8	5.0	75.0
ARB17SS	17.0	10.0	0.8	7.0	95.0

Copper

 Increased conductivity Temperature Range: -15°C to 50°C



Copper		Dimensio	Dimensions			
Code	Length (m)	(W)	(F)	(L1)	Thickness	Load (Kg)
ARB12C	10.0	12.0	5.0	5.0	0.8	65.0
ARB17C	10.0	17.0	7.0	7.0	0.8	85.0

Cable Ties & Banding | NYLON CABLE TIES

ZERO HALOGEN NYLON CABLE TIES

Nylon Cable Ties

Featuring a ratcheting locking-mechanism, Remora Nylon Cable Ties are designed to secure wire bundles and harness components quickly and cost effectively. These UL approved cable ties offer superior durability and exceptional strength. Manufactured from Nylon 66, a Zero Halogen material which is certified self extinguishing to UL94-V2, they are designed to operate in temperatures ranging from -40°C to 85°C.

Locking Mechanism

The 'pawl and strap' mechanism has become the worldwide industry standard in cable tie design.
The integral moulded pawl provides a solid ratcheting mechanism against the serrations of the tail, ensuring that once the cable tie has been secured no slippage can occur.

 The one-piece design of the ties, comprising the pawl and tail, builds in inherent strength allowing the cable tie to perform to the published minimum loop tensile strength.

[-NH-(CH₂)₆-NH- CO-(CH₂)₄-CO-]

2nd base unit with 6 C atoms

Material Properties

Polyamides are among the toughest and most important thermoplastic synthetic materials. Thermoplastics can be reshaped by heating as often as required without undergoing chemical decomposition. This makes polyamide ideal for processing via injection moulding into high quality products. Chemically the molecular chains of PA66 are made from two base units. Each base units contains 6 carbon atoms (C), hence the name PA66.

1st base unit with 6 C atoms

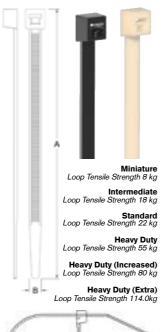
Concerning suitability for use outside in direct sunlight; a black cable tie made from PA66 is only coloured with a low proportion of carbon black. This is not sufficient to protect the material from damage caused by UV radiation in the long term. It is recommended to use Black cable ties where exposure to UV radiation is anticipated. For installations where prolonged exposure is required Remora offer a range of Cable Ties manufactured from UV stabilised PA66 in accordance with ASTM D6779. This higher content of carbon (2%) enables resistance to UV-radiation for considerably longer than standard PA66.

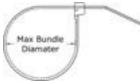
The Nylon 66 material used in these ties is also a Zero Halogen material and also exhibits reduced smoke and fume emission in comparison to materials such as PVC, PP, PE, ABS, POM etc. This greatly reduces the health dangers posed to the public by inhalation of toxic fume emissions. In the event of a fire increased protection in terms of reduced levels of noxious fumes and toxic emissions is ensured.

Features and Benefits

- High Strength, rigidity and hardness.
- High dimensional stability, even under the effect of increased temperature.
- High abrasion resistance.
- Improved UV stability (in black).









ZERO HALOGEN NYLON CABLE TIES

Nylon Cable Ties (Black and Natural)

- UL Approved Nylon 66 giving improved flexibility and mechanical strength
- One-piece Nylon Cable Ties with an integral pawl.
- Black Cable Ties have added Carbon Black, making them UV stable and appropriate for
- outdoor use, as well as providing great resistance to weathering and ageing.
- High tensile strength with low insertion force.

Temperature Range: -40°C to 85°C Material: PA66 (Nylon) Colour: Black or Natural Flammability Rating: UL94 - V2 Dielectric Strength: 50,000 Volts/mm

Standards: BS EN50146, BS EN 62275:2009, DIN EN 62275(VDE0604-201):2010-07, IEC 62275(2006-10)



Natural	Nominal		Max	Loop Tensile	Pack
Code	Length (A)	Width (B)	Bundle Dia.	Strength (Kg)	QTY
NT20M	100	2.5	22	8	100
NT36M	160	2.5	43	8	100
NT50M	200	2.5	55	8	100
NT30i	140	3.6	36	18	100
NT50i	200	3.6	53	18	100
NT75i	300	3.6	76	18	100
NT50S	200	4.8	52	22	100
NT75S	300	4.8	83	22	100
NT100S	370	4.8	105	22	100
NT80LH	300	7.6	80	55	100
NT105LH	370	7.6	101	55	100
NT140H	530	9.0	160	80	100
NT190H	780	9.0	227	80	100
NT115XH	480	12.7	137	114	100
NT300XH	1030	12.7	312	114	100
	Code NT20M NT36M NT50M NT500 NT505 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT755 NT105 N	Code Length (A) NT20M 100 NT36M 180 NT50M 200 NT30i 140 NT50i 200 NT75i 300 NT75S 300 NT70S 300 NT70S 300 NT10S 370 NT10SLH 370 NT140H 530 NT199H 780 NT15XH 480	Code Length (A) Width (B) NT20M 100 2.5 NT36M 160 2.5 NT36M 200 2.5 NT30i 140 3.6 NT50i 200 3.6 NT50i 200 3.6 NT505 300 4.8 NT750S 300 4.8 NT105S 300 7.6 NT105LH 370 7.6 NT140H 530 9.0 NT190H 780 9.0	Length (A) Width (B) Bundle Dia. NT20M 100 2.5 22 NT36M 160 2.5 43 NT50M 200 2.5 55 NT30i 140 3.6 36 NT50i 200 3.6 53 NT50i 200 3.6 52 NT55 300 4.8 52 NT50S 300 4.8 105 NT100S 370 7.6 80 NT105LH 370 7.6 101 NT140H 530 9.0 160 NT190H 780 9.0 227 NT115XH 480 12.7 137	Code Length (A) Width (B) Bundle Dia. Strength (Kg) NT20M 100 2.5 22 8 NT36M 160 2.5 43 8 NT50M 200 2.5 55 8 NT30i 140 3.6 36 18 NT50i 200 3.6 53 18 NT50i 200 3.6 53 12 NT50i 300 4.8 52 22 NT50S 300 4.8 105 22 NT100S 370 4.8 105 22 NT80LH 300 7.6 80 55 NT105LH 370 7.6 101 55 NT140H 530 9.0 160 80 NT190H 780 9.0 227 80

Nylon Cable Ties (Coloured)

One-piece Nylon Cable Ties with an integral pawl.
 Temperature Range: -40°C to 85°C
 Material: PA66 (Nylon)
 Colour: Blue, Brown, Green, Orange, Purple, Red, Silver, Yellow

	Nominal		Max	Loop Tensile	Pack
Code	Length (A)	Width (B)	Bundle Dia.	Strength (Kg)	QTY
NT * 50S	200	4.8	52	22	100
NT * 75S	300	4.8	83	22	100

How To Order



Earthing Lightning

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Tooling & Cable Prep

Cable Ties & Banding | NYLON CABLE TIES

ZERO HALOGEN NYLON CABLE TIES

Releasable Cable Ties

Featuring a RELEASABLE ratcheting locking-mechanism, Releasable Cable Ties are designed to offer superior durability and exceptional strength. CE Marked and UL approved they are manufactured from Nylon 66 which is certified fire self-extinguishing, Zero Halogen and suitable for use indoors and outdoors in temperatures ranging from -40°C to 85°C.

Releasable Cable Ties

The Unique RELEASABLE locking-mechanism means that a single cable tie can be used over and over again. Simply push down the lever and the tie can be easily released and removed. Perfect for Commercial, Industrial, Home DIY, Office Cable management, Workshop use. Whether organising your home office or a project around the garden, doing small home renovations or a large scale commercial construction project.

- Releasable Nylon Cable Ties with release tab feature
- High Strength, rigidity and hardness
- · High abrasion resistance
- Improved UV stability

Temperature Range: -40°C to 85°C Properties: Non Toxic, Recyclable, Halogen Free Material: Nylon Self-extinguishing to UL94-V2

	Nominal		Max		Pack
Code	Length (A)	Width (B)	Bundle Dia.	Loop Tensile Strength (Kg)	QTY
RCTB36LH	150	7.6	35	22	100
RCTB80LH	300	7.6	80	22	100

Releasable Cable Ties (Coloured)

• Coloured Releasable Nylon Cable Ties with release tab feature Temperature Range: -40°C to 85°C Properties: Non Toxic, Recyclable, Halogen Free Material: Nylon Self-extinguishing to UL94-V2



	Nominal		Мах		Pack
Code	Length (A)	Width (B)	Bundle Dia.	Loop Tensile Strength (Kg)	QTY
RCT * 70LH	250	7.6	80	22	100





Fixing & Security





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ZERO HALOGEN NYLON CABLE TIES

Screw Mounted Cable Ties

- Designed with a mount head so the cable tie can be fixed to any surface with a screw
- Head can be used as tie hole for cable identification labels
- UL Approved Nylon 66 giving improved flexibility and mechanical strength
- · Black Cable Ties have added Carbon Black, making them UV stable and appropriate for outdoor use, as well as providing great resistance to weathering and ageing.

Temperature Range: -40°C to 85°C Material: PA66 (Nylon) Colour: Black or Natural Flammability Rating: UL94 - V2



Black	Natural	Nominal		Screw	Loop Tensile		Pack
Code	Code	Length (A)	Width (B)	Size	Max Bundle Dia.	Strength (Kg)	QTY
SMT-3.6-150-B	SMT-3.6-150-N	150	3.6	M4	36	18	100
SMT-4.8-200-B	SMT-4.8-200-N	200	4.8	M5	52	22	100
SMT-4.8-300-B	SMT-4.8-300-N	300	4.8	M5	85	22	100
SMT-7.6-300-B	SMT-7.6-300-N	300	7.6	M6	85	54	100
SMT-7.6-380-B	SMT-7.6-380-N	380	7.6	M6	112	54	100



Marker Cable Ties

- Tie and identify cable bundles in one operation
- · Large flat area for imprinting or writing information · Black Cable Ties have added Carbon Black, making them UV stable and appropriate for outdoor use, as well as providing great resistance to weathering and ageing.

Temperature Range: -40°C to 85°C Material: PA66 (Nylon) Colour: Black or Natural Flammability Rating: UL94 - V2



Natural	Nominal		Loop Tensile		Pack
Code	Length (A)	Width (B)	Max Bundle Dia	. Strength (Kg)	QTY
MT-2.5-100-N	100	2.5	23	8	100
MT-4.6-190-N	190	4.6	50	22	100





Cable Ties & Banding | NYLON CABLE TIES

ZERO HALOGEN NYLON CABLE TIES



Printed Electrical Metering Cable Ties

Printed Electrical Cable ties, designed for identifying cables in single and multi-phase metering installations.

 Available in industry approved colours including Black, Blue and Brown, other colours to order.

• Labelled with either L, L1, L2, L3 or N

Temperature Range: -40°C to 85°C Material: PA66 (Nylon) Colour: Black, Blue, Brown Flammability Rating: UL94 - V2



	Nominal			Loop Tensile		Pack
Colour	Length (A)	Width (B)	Label	Max Bundle Dia.	Strength (Kg)	QTY
Black	200	4.8	L (repeated)	52	22	100
Black	200	4.8	L1 (repeated)	52	22	100
Black	200	4.8	L2 (repeated)	52	22	100
Black	200	4.8	L3 (repeated)	52	22	100
Brown	200	4.8	L (repeated)	52	22	100
Brown	200	4.8	L1 (repeated)	52	22	100
Brown	200	4.8	L2 (repeated)	52	22	100
Brown	200	4.8	L3 (repeated)	52	22	100
Blue	200	4.8	N (repeated)	52	22	100
	Black Black Black Black Brown Brown Brown Brown	ColourLength (A)Black200Black200Black200Black200Brown200Brown200Brown200Brown200Brown200Brown200	Colour Length (A) Width (B) Black 200 4.8 Brown 200 4.8 Brown 200 4.8 Brown 200 4.8 Brown 200 4.8	Colour Hength (A) Width (B) Label Black 200 4.8 L (repeated) Black 200 4.8 L1 (repeated) Black 200 4.8 L2 (repeated) Black 200 4.8 L3 (repeated) Black 200 4.8 L3 (repeated) Brown 200 4.8 L (repeated) Brown 200 4.8 L (repeated) Brown 200 4.8 L1 (repeated) Brown 200 4.8 L3 (repeated) Brown 200 4.8 L3 (repeated) Brown 200 4.8 L3 (repeated)	Colour Length (A) Width (B) Label Max Bundle Dia. Black 200 4.8 L (repeated) 52 Black 200 4.8 L1 (repeated) 52 Black 200 4.8 L2 (repeated) 52 Black 200 4.8 L3 (repeated) 52 Black 200 4.8 L (repeated) 52 Brown 200 4.8 L2 (repeated) 52 Brown 200 4.8 L3 (repeated) 52	Colour Length (A) Width (B) Label Max Bundle Dia. Strength (Kg) Black 200 4.8 L (repeated) 52 22 Black 200 4.8 L1 (repeated) 52 22 Black 200 4.8 L2 (repeated) 52 22 Black 200 4.8 L3 (repeated) 52 22 Brown 200 4.8 L (repeated) 52 22 Brown 200 4.8 L (repeated) 52 22 Brown 200 4.8 L (repeated) 52 22 Brown 200 4.8 L2 (repeated) 52 22 Brown 200 4.8 L2 (repeated) 52 22 Brown 200 4.8 L3 (repeated) 52 22 Brown 200 4.8 L3 (repeated) 52 22

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Ident & Wiring Term

Copper Lugs

NYLON CABLE TIES Cable Ties & Banding

METAL CONTENT CABLE TIES

Metal Content Cable Ties

The Metal Detectable Cable Tie is designed specifically for use in the food & pharmaceutical processing industries.

The unique blue colour and metallic content throughout the cable ties ensures that, they are detectable both visually and by metal detection process control equipment.

Ideally suited as part of HACCP (Hazard Analysis Critical Control Point) process for the installation of cabling when in close proximity to a manufacturing process.

Metal Content Cable Ties

- Available in four widths 2.5mm, 3.5mm, 4.5mm & 7.5mm for applications ranging from identification tagging to bundling cables
- Total metal dispersion throughout the tie
- Usable as part of HACCP process
- Greatly reduces risk of contamination
- Magnetic and X-Ray detectable
- Available in a wide range of sizes
- · Self locking design allows fast installation
- Superior strength tensile strength
- Excellent stiffness

Temperature Range: -0°C to 85°C Properties: Non Toxic, Recyclable, Halogen Free Material: Nylon Self-extinguishing to UL94-V2 Water Absorption: Up to 8% when immersed Colour: Blue

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Code	Length (A)	Width (B)	Max Bundle Dia.	Min Tensile Strength (kg)	Pack QTY
MCCT100	100	2.5	24.0	8	100
MCCT140	140	3.5	36.0	16	100
MCCT250	250	4.5	68.0	20	100
MCCT380	380	4.5	110.0	20	100
MCCT360	360	7.5	100.0	50	100

Heatshrink Copper Repair Lugs Cable Jointing Junction Boxes Flexible Conduit Cable Glands Gland Accs. Cable Cleats Earthing Lightning MICC Cable

Ident & Wiring Term

Cable Ties & Acc

Fixing & Tooling & Security Cable Prep

Cable Ties & Banding | STAINLESS STEEL CABLE TIES

STAINLESS STEEL CABLE TIES

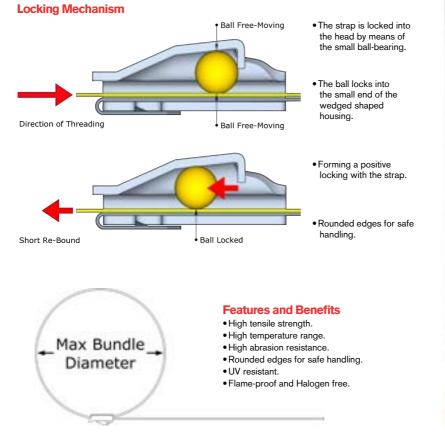
Tooling & Cable Prep

Fixing & Security

Mignation Self-Locking Ties 316 Remora Stainless Steel 316 Remora Stainless Steel The Ball Lock range of stainless steel cable ties are manufactured from 316 stainless

steel and have a high tensile strength. The self-locking head design speeds installation and locks into place at any length along the tie. The fully enclosed head does not allow dirt or grit to interfere with the locking mechanism. These ties are flame-proof, tough and corrosion resistant and are ideal for demanding industries such as mass transit, ship building, oil rigs, and mining.

The Ball Lock range is available in bare stainless steel or coated with halogen free pure polyester/epoxy in Black as standard or Blue, Green, Red and Yellow to order.



STAINLESS STEEL CABLE TIES Cable Ties & Banding

STAINLESS STEEL CABLE TIES

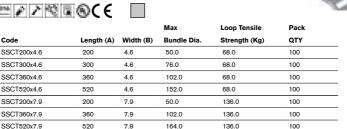
Stainless Steel Tie

Base (see p.263)

316 Stainless Steel - Uncoated

- · Salt spray, corrosion & weather resistant Outstanding chemical resistance
- Temperature Range: -80°C to 500°C
- Material: 316 Stainless Steel
- Standards: UL and DNV Certified





316 Stainless Steel - Coated

- · Salt spray, corrosion & weather resistant
- Outstanding chemical resistance

Temperature Range: -40°C to 150°C

Material: 316 Stainless Steel Coating: Pure Polyester/Epoxy Standards: UL and DNV Certified



Other colours available on request

			Max	Loop Tensile	Pack
Code	Length (A)	Width (B)	Bundle Dia.	Strength (Kg)	QTY
SSCT200x4.6-COATED	200	4.6	50.0	68.0	100
SSCT360x4.6-COATED	360	4.6	102.0	68.0	100
SSCT360x7.9-COATED	360	7.9	102.0	136.0	100
SSCT520x7.9-COATED	520	7.9	152.0	136.0	100

Manual Tensioning Tool

Tensions and cuts off Stainless Steel Ties up to 12.7mm wide regardless of material or coating. Material: Steel



Description

Metal tool designed for coated or uncoated Stainless Steel cable ties up to 0.3mm and up to 12.7mm width. Once the desired tension is reached the tool has a manual lever to cut off tail excess tie length.



Hand tool for tensioning Stainless Steel Cable Ties up to 7.9mm width. Complete with tension indicator and automatic excess tie cut-off.

Material: Steel

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Code CT511

Code KE9222

Description

Metal tool designed for coated or uncoated Stainless Steel cable ties from 0.3 to 7.9mm width. Complete with tension indicator and automatic tie excess cut off

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Tooling & Cable Prep Fixing & Security

Ident & Wiring Term

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Cable Ties & Banding | RELEASABLE CABLE TIES

STAINLESS STEEL CABLE TIES

Releaseable Ties

316 Stainless Steel Buckle Ties

PPA coated cable ties feature a buckle type locking mechanism. This provides a quick and easy application which can be unfastened for re-using. The PPA Nylon coating is zero halogen which offers superior corrosion resistance. Suitable for multiple installations over long periods of time in harsh environments such as marine, oil exploration and mining.

316 Stainless Steel Releaseable Cable Ties

- Available in two widths 6.35mm & 9.53mm
- Zero Halogen PPA coated for superior corrosion resistance
- Thick coating protected cables and hands
- Fast, easy application
- Vibration proof
- Reusable

Temperature Range: -80°C to 105°C Material: 316 Stainless Steel Coating: Zero Halogen PPA Nylon Coating





Used to tension Ties and Multi-Lok Ties. Material: Steel



AE2011

Description Hand tensioning hook for reusable cable ties



Ident & Wiring Term

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Cable Ties & Banding | Accessories

CABLE TIE FIXINGS

Accessories

Remora offers various solutions to securing and anchoring cables bundled by cable ties. 4-way adhesive bases are predominantly used for lighter loads, cable tie saddles for the more bulky or heavier cables and masonry mounts for fixing without adhesive or screws.

All readily available from stock.

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Cable Tie Saddles

Cable Tie Saddles designed to provide a secure fixing for cables. These can be simply installed with a screw or bolt. Secure using M4 or M6 fixing.

Material: Nylon 66 Colour: Black

Operating Temperature: -40°C to 85°C

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Code	Colour	(A)	(B)	(C)	Fixing Hole (D)	Max Tie Width (E)	Pack QTY
NCCB5	Black	13.0	18.0	8.2	4.0	5.0	100
NCCB11	Black	16.0	22.0	9.5	5.0	9.5	100
NCCB18	Black	18.5	40.0	16.5	6.0	12.7	100

Cable Tie 4-way Adhesive Base

Manufactured from Nylon 66 with an adhesive base. Two bases are assembled on a backing strip for easy removal. With high levels of instant tack and shear adhesion these bases take cable ties up to 10.2mm widths.

Material: Nylon 66

Operating Temperature: -40°C to 85°C

Code	Colour	(A)	(B
	0		

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Code	Colour	(A)	(B)	(C)	Fixing Hole (D)	Max Tie Width (E)	Pack QTY	
RNBB1	Black	19.5	19.5	3.9	5.0	4.6	100	
RNBB2	Black	28.6	28.6	5.3	5.0	5.5	100	
RNBB3	Black	38.5	38.5	7.6	5.0	10.2	100	
RNB1	Natural	19.5	19.5	3.9	5.0	4.6	100	
RNB2	Natural	28.6	28.6	5.3	5.0	5.5	100	
RNB3	Natural	38.5	38.5	7.6	5.0	10.2	100	

Nvlon Tie Base Box Kit

Assorted range of Cable Tie Saddles and Adhesive Bases in Black and Natural, supplied in a Box Kit.

Material: Nylon 66 Colour: Black, Natural Operating Temperature: -40°C to 85°C TREP

Code	Description	Cable Tie Size Range
BK11	8 Compartment / Approx 180 Items	2.5 - 7.6

All dimensions in mm except where stated

ACCESSORIES Cable Ties & Banding

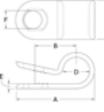
CABLE TIE FIXINGS





P-Clips - Nvlon

P-Clips are designed to hold cables, tubes and components in domestic appliances, electronics and electric apparatus generally. To apply, just clamp down on loosen cables and screw it to chassis Material: Nylon 66 Operating Temperature: -40°C to 85°C Colour: Black 0293



Code	Colour	(A)	(B)	(C)	Dia (D)	Pack QTY
NPC5	Black	9.2	9.6	1.10	5.0	100
NPC6	Black	10.4	10.1	1.10	6.3	100
NPC9	Black	12.5	12.3	1.40	9.5	100
NPC12	Black	14.8	12.2	1.40	12.7	100



P-Clips - Nylon Box Kit

Assorted range of P-Clips covering 3.1-28.5mm diameter supplied in a Box Kit.

Material: Nylon 66 Operating Temperature: -40°C to 85°C Colour: Black



Code	Description	Size Range
BK10	6 Compartment / Approx 210 Items	3.1 - 28.5

Stainless Steel Cable Tie Mounts

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Stainless Cable Tie Mounts are designed to meet the requirements of BS 7671 in conjunction with stainless steel cable ties. These can be simply installed with a M4 or M6 screw or bolt. Material: 316 Stainless Steel Operating Temperature: -80°C to 530°C





Fixing & Security



Code	Bolt Size	(A)	(B)	(C)	(D)	(F)	Max Tie W	idth (E) Pack QTY
SSCTM1	M4	29.2	15.0	18.8	5.0	4.2	10.0	100
SSCTM2	M6	29.2	15.0	18.8	5.0	6.2	10.0	100



Cable Jointing

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Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Cable Ties & Banding | Accessories

Accessories

by cable ties. 4-way adhesive bases are predominantly used for lighter loads, cable tie saddles for the more bulky or heavier cables and masonry mounts for

CABLE TIE FIXINGS

Remora offers various solutions to securing and anchoring cables bundled

B

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fixing without adhesive or screws. All readily available from stock.

Self-adhesive Steel Cable Clips

Manufactured from mild steel with a self-adhesive backing and a flexible tongue that can be easily curved around the cable for a secure fit. Material: Mild Steel c/w Gloss Polyester Coating Operating Temperature: -20°C to 70°C Colour: White



Code	Colour	(A)	(B)	Max Cable Dia	Pack QTY
SATB1	White	20.0	30.0	4.0	100
SATB2	White	35.0	25.0	8.0	100
SATB3	White	43.0	31.0	12.0	100

Self-adhesive Cable Clips Box Kit

Assorted range of Self-adhesive Cable Clips supplied in a Box Kit.

Material: Mild Steel c/w Gloss Polyester Coating Operating Temperature: -20°C to 70°C Colour: White



Code	Description	Size Range
BK12	6 Compartment / Approx 100 Items	SATB1 / SATB2 / SATB3



Masonry Mounts

Masonry Mounts are used for fixing cables to walls without using screws or plugs. Simply drill a hole (6 or 8mm) and push fit. For use with cable ties up to 9mm wide. Material: Nylon 66

Operating Temperature: -40°C to 85°C



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Code	Colour	(A)	(B)	Max Tie Width (C)	Hole Dia. (D)	Pack QTY
MM8	Black	24.7	6.5	9.0	6.0	100
MM9	Black	37.5	6.3	9.0	8.0	100



Earthing

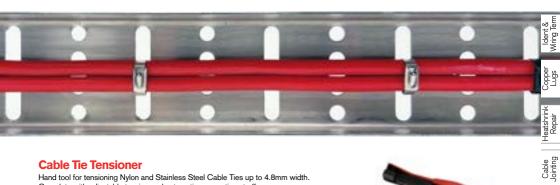
Cable

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Tooling & Cable Prep

ACCESSORIES Cable Ties & Banding

CABLE TIE FIXINGS



Cable Tie Tensioner

Hand tool for tensioning Nylon and Stainless Steel Cable Ties up to 4.8mm width. Complete with adjustable tension and automatic excess tie cut-off. Material: Steel



Code	Description
CT411	Hand tensioning tool with tension control settings. Suitable for nylon cables ties $2.2 \mbox{mm}$ to $4.8 \mbox{mm}$





Flexible Junction Conduit Boxes

Cable Glands

Gland Accs.

Cable Cleats



Tooling & Cable Prep | SECTION CONTENTS

TOOLING and CABLE PREPARATION

Tooling & Cable Preparation

Our range of cable cutters and crimping tools begin with

compact hand held tools suitable for cutting cables up to 38mm² moving up to 250mm² and extending right

up to heavy duty ratchet style cutters, capable of cutting cables up to 400mm² with ease. The crimping tools we

offer, as you would expect cater for every terminal and

lug we supply whether it be a simple cord end terminal,

a heat shrinkable terminal or uninsulated terminal or may

be a 400mm² copper lug.

Can you crimp it? Yes you can!

Tooling & **Cable Preparation**



Junction Boxes



Cable Glands



Fixing & Security







Hand Cutting & Crimping Tools: Explore our comprehensive selection of tools designed for precision in electrical work. Our Heavy Duty Hand Cutters, available in six variants, cater to cables up to 400mm² with a ratchet mechanism. Complementing our wiring terminals, our Crimping Tools, featuring a reliable ratchet mechanism, guarantee sound electrical and mechanical terminations. Ensure optimal performance with the right tool for specific terminals in your tool kit.

Hydraulic Crimping Tools: Our Hydraulic Crimping tools are available for use on lug sizes from 10mm² up to 630mm². Available in both hand or foot operated styles, they are easy to use and portable. Dies are available as a set or individually to suit your requirements.

Battery Powered Crimp Tools: The TorqTek BPT300 and BCT400 redefine precision crimping. The BPT300, with a 60kN crimping force, suits lug compression from 10-300mm2, offering versatility with a 180° head rotation. Its OLED Display shows realtime data. The BCT400, boasting a formidable 120kN crimping force for 10-400mm2 lugs, features a 350° head rotation. Both tools exhibit advanced two-stage hydraulic systems, ensuring efficiency. The Li-lon batteries with OLED Displays enhance operational control and charging speed, making them indispensable for diverse crimping needs.



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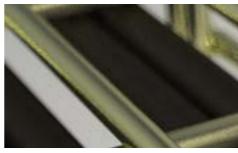
Cable Tie Tools	p. 268 269	*
Cable Cutters	р. 270 271	-SP
Cord/Insulated Crimping Tools	Р. 272 273	de la compañía de la comp
Uninsulated Crimping Tools	р. 274 275	de la compañía de la comp
Hydraulic Crimping & Cutting	р. 276 278	S
Battery Powered Crimping Tools	p. 279 280	S
Tool Hire Solutions	Р. 281	and the second s

Tooling & Cable Prep | CABLE TIE TOOLS

MANUAL TENSIONING TOOL

Cable Tie Tools

Remora offers a wide range of manual tooling for both nylon and stainless steel cable ties. Available from the basic manual tensioning hook through to adjustable tension and automatic cut off features.



Manual Tensioning Tool (Stainless Ties)

Tensions and cuts off Stainless Steel Ties up to 12.7mm wide regardless of material or coating.

Material: Steel



Code Description

KE9222 Metal tool designed for coated or uncoated Stainless Steel cable ties up to 0.3mm and up to 12.7mm width. Once the desired tension is reached the tool has a manual lever to cut off tail excess tie length.

STEP 1: Place the cable tie around the object to be secured.

STEP 2: Insert the tail through the slot and into the jaw and tension by repeatedly pressing the tool handles together.

STEP 3: After tensioning, pull the silver cutting level upwards. This will shear off the tail neatly next to the cable tie buckle.



Manual Tensioning Hook

Used to tension Buckle Lock Ties. Material: Steel



Code AE2011

Hand tensioning hook for reusable cable ties

Description

Cable Prep

CABLE TIE TOOLS | Tooling & Cable Prep

AUTO TENSIONING TOOL



Code CT411 Description

Hand tensioning tool with tension control settings. Suitable for nylon cables ties 2.2mm to 4.8mm



Tooling & Cable Prep | CABLE CUTTERS

HEAVY DUTY CABLE CUTTING

Conduit/Cable Cutters





Conduit Cutting Tools

Conduit cutting tool, ideal for cutting conduit 10mm to 40mm
 Material: Steel

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Code	Description	Cutting Capacity	
CCT42	Conduit cutting tool	6 - 42	



Hand Cutting Tool - up to 38mm²

Hand Cutting Tool for copper and aluminium cable. **Cutting Capacity:** Up to 38mm² **Length:** 210mm

29920				
Code	Description	Tool Length	Cutting Capacity (mm ²)	
CC1	Hand Tool	210.0	up to 38	



Heavy Duty Hand Cutting Tool - up to 95mm²

Heavy Duty Hand Cutting Tool for copper and aluminium cable. Cutting Capacity: Up to 95mm² Length: 315mm

Code	Description	Tool Length	Cutting Capacity (mm ²)		
CC2	Hand Tool	315.0	up to 95		



Heavy Duty Hand Cutting Tool - up to 250mm²

Heavy Duty Hand Cutting Tool for copper and aluminium cable. **Cutting Capacity:** Up to 250mm² **Length:** 600mm

29270	
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Code	Description	Tool Length	Cutting Capacity (mm ²)
CC3	Hand Tool	600.0	up to 250

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HEAVY DUTY CABLE CUTTING



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Gland Accs.

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Fixing & Security

cord End imping Tools



CORD END CRIMP TOOLING



Ratchet quad action self adjusting tool for crimping Cord End Terminals. Crimping Range: 0.25 to 10.0mm² Length: 175mm



Tool Length Crimping Capacity (mm²) Cord End Hand Ratchet Tool 175.0 0.25 - 10.0

Cord End Ratchet Crimping Tool 0.25 to 6.0mm²

Ratchet action tool for crimping Cord End Terminals. Crimping Range: 0.25 to 6.0mm² Length: 200mm



Code	ode Description		Crimping Capacity (mm ²)	
CRIMPF2	Cord End Hand Ratchet Tool	200.0	0.25 - 6.0	

Cord End Ratchet Crimping Tool 6.0 to 16.0mm²

Ratchet action tool for crimping Cord End Terminals.
Crimping Range: 6.0 to 16.0mm ²
Length: 230mm



Code	Description	Tool Length	Crimping Capacity (mm ²)
CRIMPF3	Cord End Hand Ratchet Tool	230.0	6.0 - 16.0

Cord End Ratchet Crimping Tool 10.0 to 35.0mm²

Ratchet action tool for crimping Cord End Terminals. Crimping Range: 10.0 to 35.0mm² Length: 240mm

200	<u>></u>		
Code	Description	Tool Length	Crimping Capacity (mm ²)
CRIMPF4	Cord End Hand Ratchet Tool	240.0	10.0 - 35.0

Twin Cord End Ratchet Crimping Tool 0.5 to 16.0mm²

Ratchet action tool for crimping Twin Cord End Terminals. Crimping Range: 0.5 to 16.0mm² Length: 226mm

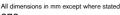
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Code	Description	Tool Length	Crimping Capacity (mm ²)
CRIMPT1	Twin Cord End Hand Ratchet Tool	226.0	0.5 - 16.0











CORD END CRIMPING TOOLS | Tooling & Cable Prep



Tooling & Cable Prep UNINSULATED CRIMPING TOOLS

UNINSULATED CRIMP TOOLING

Uninsulated Crimping Tools

Uninsulated Compact Ratchet Crimping Tool 1.5 to 16.0mm²

Compact Hand Ratchet Crimping Tool for uninsulated copper tube terminals from 1.5 to 16.0mm².

Crimping Range: 1.5 to 16.0mm² Length: 230mm

Code	Description	Tool Length	Crimping Capacity (mm ²)	
CRIMP1.5-16	Uninsulated Ratchet Crimping Tool	230.0	1.5 - 16.0	

Uninsulated Ratchet Crimping Tool 1.5 to 16.0mm²

Hand Ratchet Crimping Tool for uninsulated copper tube terminals from 1.5 to 16.0mm². Crimping Range: 1.5 to 16.0mm² Length: 280mm

Code	Description	Tool Length	Crimping Capacity (mm ²)
CRIMP5-A	Uninsulated Ratchet Crimping Tool	280.0	1.5 - 16.0

Uninsulated Ratchet Crimping Tool 6.0 to 25.0mm²

Hand Ratchet Crimping Tool for uninsulated copper tube terminals from 6.0 to 25.0mm². Crimping Range: 6.0 to 25.0mm² Length: 365mm



Code	Description	Tool Length	Crimping Capacity (mm ²)
CRIMP5	Uninsulated Ratchet Crimping Tool	365.0	6.0 - 25.0

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UNINSULATED CRIMPING TOOLS | Tooling & Cable Prep

UNINSULATED CRIMP TOOLING

Mechanical Indent Crimping Tool 10.0 to 120.0mm²

Mechanical Indent Crimping Tool for uninsulated copper tube terminals from 10.0 to 120.0mm². Crimping Range: 10.0 to120.0mm²

Length: 580mm

294	2/04	TOROTE	K
Code	Description	Tool Length	Crimping Capacity (mm ²)
RM120	Uninsulated Hand Indent Crimpir	ng Tool 580.0	10.0 - 120.0



Mechanical Hexagonal Crimping Tool - 6.0 to 50.0mm²

Mechanical Crimping Tool for uninsulated copper tube terminals from 6.0 to 50.0mm². Crimping Range: 6.0 to 50.0mm² Length: 380mm

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	Code	Description		Tool Length	Crimping Capacity (mm ²)	
	HEXCRIMP50	Mechanical Hexagonal Crimping Tool	ol	380.0	6.0 - 50.0	



Mechanical Hexagonal Crimping Tool - 16.0 to 120.0mm²

Mechanical Crimping Tool for uninsulated copper tube terminals from 16.0 to 120.0mm². Crimping Range: 16.0 to 120.0mm² Length: 650mm

299	> 0 4 1	ORØTE	K
Code	Description	Tool Length	Crimping Capacity (mm ²)
HEXCRIMP120	Mechanical Hexagonal Crimping Too	l 650.0	16.0 - 120.0

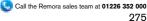


Mechanical Hexagonal Crimping Tool - 25.0 to 150.0mm²

Mechanical Crimping Tool for uninsulated copper tube terminals from 25.0 to 150.0mm². Crimping Range: 25.0 to 150.0mm² Length: 650mm







Tooling & Cable Prep | HYDRAULIC CRIMPING & CUTTING

HYDRAULIC CRIMP and CUTTING TOOLING

Hand Hydraulic Crimping & Cutting Tools



Compact Hand Hydraulic Crimping Tool 10.0 to 150.0mm²

TorqTek compact and light weight hand Hydraulic hexagon crimping tool for uninsulated copper tube terminals from 10.0 to 150.0mm². This tool features a rotational head 180° which enables access to restricted areas.

Hydraulic system with safety valve to avoid overload. Supplied complete with carry case and full set of dies to cover cable sizes from 10.0mm² to 150mm².

Crimping Range: 10.0 to150.0mm² Crimping Force: 35KN Stroke: 13mm Crimp Type: Hexagon Crimp Length: 215x50x175mm Weight: 1.36Kgs



Code	Description	Tool Length	Crimping Capacity (mm ²)
CHHC150	Compact Hydraulic Hexagon Crimping	215.0	10.0 - 150

Hand Hydraulic Hexagon Crimping Tool 10.0 to 150.0mm²

TorqTek compact and light weight hand Hydraulic hexagon crimping tool for uninsulated copper tube terminals from 10.0 to 150.0mm². With a quick opening & closing head it's easy to replace die sets. This tool features a rotational head 180° which enables access to restricted areas.

Hydraulic system with safety valve to avoid overload.

Supplied complete with carry case and full set of dies to cover cable sizes from 10.0mm² to 150mm².

Crimping Range: 10.0 to150.0mm² Crimping Force: 60KN Stroke: 15mm Crimp Type: Hexagon Crimp Length: 370x65x140mm Weight: 2.28Kgs

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Code	Description	Tool Length	Crimping Capacity (mm ²)
RHT-51	Hand Hydraulic Hexagon Crimping Tool	370.0	10.0 - 150



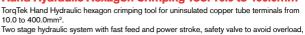
HYDRAULIC CRIMPING & CUTTING Tooling & Cable Prep

HYDRAULIC CRIMP and CUTTING TOOLING



Hand Hydraulic Hexagon Crimping Tool 10.0 to 400.0mm²





twist the handle to release the pressure. Supplied complete with carry case and full set of dies to cover cable sizes from 10.0mm² to 400mm².

Crimping Range: 10.0 to 400.0mm² Crimping Force: 116KN Stroke: 30mm Crimp Type: Hexagon Crimp Length: 625mm Weiaht: 7.48Kas





Code	Description	Tool Length	Crimping Capacity (mm ²)
RTCHH400	Hand Hydraulic Hexagon Crimping Tool	625.0	10.0 - 400.0



Hand Hydraulic Cutting Tool up to 50mm Diameters

TorqTek compact Hand Hydraulic cutting tool suitable for copper cables up to 50mm outer diameter.

Cutting Range: up to 50.0mm diameter Cutting Force: 60KN Oil Capacity: 8ml Length: 630mm Weight: 7, 10Kos



Code	Description	Tool Length	Cutting Capacity (mm OD)
HHCT50	Hand Hydraulic Cutting Tool	630.0	up to 50.0

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MICC Cable

Tooling & Cable Prep | HYDRAULIC CRIMPING & CUTTING

HYDRAULIC CRIMP and CUTTING TOOLING

Hydraulic Crimping & Cutting Tools

Hydraulic Hexagon Crimping Head 35.0 to 630.0mm²

The TorqTek HCH630 tool has a heavy duty hydraulic hexagon crimping head for uninsulated copper tube terminals from 35.0 to 630.0mm². Supplied in a sturdy carry case and complete with HFP hydraulic foot pump.

Manufactured from forged alloy steel, the crimp dies are precision designed and supplied from 35 to 630mm²

HCH630 Head Crimping Range: 35.0 to 630.0mm²

Length: 350mm Weight: 11.0Kgs

HFP Foot Pump

Max Output Pressure: 1st Stage 20Kg² / 2nd Stage 700Kg² Oil Output: 13ml Low Pressure / 2.8ml High Pressure Oil Capacity: 700cc Weight: 12.5Kgs

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Code	Description	Tool Length	Crimping Capacity (mm ²)
HCH630-HFP	Hydraulic Hexagon Crimping Head	350.0	35.0 - 630.0

Hydraulic Cutting Head up to 100mm Diameter

The TorqTek HCH100 hydraulic cutting head tool for suitable for cables up to 100mm diameters. The head can be easily opened to cut running cables and the handle allows comfortable positioning of the head onto the cable to be cut. Supplied in a sturdy carry case and complete with HFP hydraulic foot pump.

HCH100 Head Cutting Range: up to 100mm diameter Cutting Force: 60KN Oil Capacity: 15ml Length: 515mm Weight: 8.40Kgs

HFP Foot Pump Max Output Pressure: 1st Stage 20Kg² / 2nd Stage 700Kg² Oil Output: 13ml Low Pressure / 2.8ml High Pressure Oil Capacity: 700cc Weiaht: 12.5Kas







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HYDRAULIC CRIMPING & CUTTING Tooling & Cable Prep

BATTERY POWERED CRIMPING

Battery Powered Crimping Tool



Battery Powered Hexagon Crimping Tool 10.0 to 300.0mm²

Introducing the advanced TorqTek BPT300 battery-operated crimping tool, designed for precision in lug compression within the range of 10.0-300.0mm2. Equipped with a two-stage Hydraulic System boasting a formidable 60kN crimping force and a 180° head rotation, the BPT300 stands as a versatile solution for comprehensive crimping applications.

Featuring an OLED Display, the tool provides real-time information, including battery percentage, crimping times, fault codes, and maintenance notes. The Li-Ion 18V 2Ah batteries not only ensure faster charging times but also contribute to a swift crimp cycle with durations ranging from 2.5 to 4 seconds, optimizing operational efficiency. Elevate your crimping experience with the cutting-edge technology embodied in the TorqTek BPT300

180° Head Rotation

Crimping Range: 10.0 to 300.0mm² Crimping Pressure: 60KN Stroke: 17mm Oil Capacity: 60ml Crimp Type: Hexagon Crimp Length: 428mm Weight: 3.9Kgs Including Battery

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Descriptio

Battery Pov Crimping To

1

Code

BPT300

Battery Capacity: 18V / 2.0Ah Charging Time: 40mins Charging Voltage: AC 100V-240V: 50-60Hz Cycle Time: 2.5-4s (dependant on die size)



on	Tool Dimensions	Crimping Capacity (mm ²)
wered Hand Hexagon ool	428 x 134 x 75	10.0 - 300.0



Kit Includes

1x Crimp Tool 2x 2.0Ah Batteries

- 1x Charger
- 1x Replacement Cylinder & Safety Value Seal Set 1x Carry Case

Crimp Dies 10,16,25,35,50,70,95,120,150,185,240,300mm²



One Trigger Control

LCD Power & Usage Display 18V 2.0Ah Li-Ion Battery

Challenge us - We find a solution

Tool Hire Solutions Hydraulic CRIMPING & CUTTING

BATTERY POWERED CRIMPING

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Battery Powered Crimping Tool

Battery Powered Hexagon Crimping Tool 10.0 to 400.0mm²

Introducing the cutting-edge TorgTek BCT400 battery-operated crimping tool, meticulously engineered for precision lug compression spanning 10.0-400.0mm2. Featuring an advanced two-stage hydraulic system with fast feed and power control, it delivers an impressive 120kN crimping force. With a 350° head rotation, the BCT400 is a versatile tool, accommodating a broad crimping range for diverse applications.

The OLED Display provides essential real-time information, showcasing battery percentage, crimping times, fault codes, and maintenance notes. Powered by the new Li-Ion 18V 4Ah batteries, this tool ensures higher capacity, while the crimp cycle operates at a swift 5-8 seconds, optimizing efficiency in your crimping processes. Elevate your crimping operations with the unmatched capabilities of the TorqTek BCT400.

Crimping Range: 10.0 to 400.0mm² Crimping Pressure: 120KN Stroke: 42mm Oil Capacity: 160ml Crimp Type: Hexagon Crimp Length: 412mm Weight: 7.3Kgs Including Battery

299704

Code

BCT400

Battery Capacity: 18V / 4.0Ah Charging Time: 80mins Charging Voltage: AC 100V-240V; 50-60Hz Cycle Time: 5-8s (dependant on die size) Cycles/Charge: Approx 120 cycles (150mm²)



Description	Tool Dimensions	Crimping Capacity (mm ²)
Battery Powered Hand Hexagon Crimping Tool	412 x 326 x 78	10.0 - 400.0

350° Head Rotation



All dimensions in mm except where stated

HYDRAULIC CRIMPING & CUTTING | Tool Hire Solutions

TOOL HIRE SOLUTIONS

Tool Hire Crimping & Cutting

Just one telephone call is all it takes to reserve a crimping tool for collection or despatch. All tools offered for hire are regularly serviced and fully checked prior to despatch.

Hand Hydraulic Hexagon Crimping Tool 10.0 to 150.0mm²

Code	Description	Tool Length	Crimping Capacity (mm ²)
RHT-51	Hand Hydraulic Hexagon Crimping Tool	370.0	10.0 - 150

Hand Hydraulic Hexagon Crimping Tool 10.0 to 400.0mm²

Code	Description	Tool Length	Crimping Capacity (mm ²)
RTCHH400	Hand Hydraulic Hexagon Crimping Tool	625.0	10.0 - 400.0



Battery Powered Crimping Tool 10.0 to 400.0mm²

Code	Description	Tool Length	Crimping Capacity (mm ²)
BPT300	Battery Powered Hand Hexagon Crimping Tool	428.0	10.0 - 300.0
BCT400	Battery Powered Hand Hexagon Crimping Tool	412.0	10.0 - 400.0



Hydraulic Hexagon Crimping Head 35.0 to 630.0mm²

Code	Description	Tool Length	Crimping Capacity (mm ²)
HCH630-HFP	Hydraulic Hexagon Crimping Head	350.0	35.0 - 630.0



Hydraulic Cutting Head up to 100mm Diameters

Code	Description	Tool Length	Cutting Capacity (mm OD)
HCH100-HFP	Hand Hydraulic Cutting Tool	515.0	up to 100.0



Fixing & Security | SECTION CONTENTS

FIXING and SECURITY

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Fixing & Security

Fixing & Security

An electrical installation is only as strong as its support systems and mechanical protection. It's not only important to have reliable power, but determining how that power is distributed and protected – whether in commercial or industrial application.





Anti Vandal Guard: Anti vandal Guarding is available in galvanised steel or HDPE plastic. All you need to tell us is the diameter of the cable or pipe to be protected, 25, 38 or 80mm, a neat package which will protect against accidental damage or deliberate acts of vandalism.

e

ole Saws

Catenary Wires Systems: Our catenary wire, manufactured in accordance to BS 302-1:1987 from galvanised mild steel is available in 2 lengths and 3 sizes in bare and PVC coated. Also available are accessories such as grips, hook plates, wire eyes and tensioners.

Girder Clips: E-Klips™ is the market leading spring fastener brand, universally accepted with products manufactured from spring steel in accordance to BS 1449 Part 2 grade CS70 other products included rolled, forged and plastic components.

Hole Saw Cutting: Elevate your cutting experience with Starrett Hole Saws, the epitome of precision and durability. Engineered for excellence, these saws from Starrett promise unparalleled performance across various materials. Transform your cutting experience – choose Starrett Hole Saws for unmatched performance.



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Fixing & Security | ANTI-VANDAL GUARD

ANTI-VANDAL GUARD

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Anti-Vandal Guard Galvanised Steel / HDPE Plastic

Anti-Vandal Guard is available manufactured from Steel or HDPE plastic. Designed for use with cables, pipes or tape where protection is required from accidental damage or vandalism. Designed to be installed on any flat or curved surface including; walls, fences and telegraph poles.

Non-Metallic

- Protection of vertical/horizontal cable runs on wooden poles, fences and walls
- Manufactured from HDPE which provides an excellent balance of rigidity and high impact strength
- · Supplied with screw fixing holes for easy installation
- · Can also be used to protect other utility supplies on walls i.e. gas, oil, water
- · Lightweight and easily transported
- With UV and flame retardant additives.

Metallic

- Protection of vertical/horizontal cable runs on wooden poles, fences and walls
- Manufactured from galvanised steel providing an increased level of security and strength
- Galvanised finish provides excellent corrosion resistance for installations exposed to the elements
- · Supplied with screw fixing holes for easy installation

ANTI-VANDAL GUARD | Fixing & Security

ANTI-VANDAL GUARD

Anti-Vandal Guard - Non-Metallic

- Non-Metallic anti-vandal guard is designed as a cost effective option manufactured from HDPE plastic. Designed for use with cables and pipes where protection is required from accidental damage, vandalism or theft. Designed to be installed on walls, fences and telegraph poles
- Due to product length and construction Anti-Vandal Guard may incur extra freight

Material: HDPE plastic Colour: Black





			Max Diameter	Dimensions				
Code	Colour	Material	to Protect	Length (m)	Height	(A)	(B)	(C)
AVHD25	Black	HDPE	25	3	38	25	25	60
AVHD38	Black	HDPE	40	3	48	38	82	38
AVHD80	Black	HDPE	80	3	90	80	105	140

Anti-Vandal Guard - Metallic

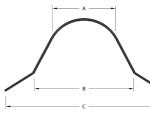
• Metallic anti-vandal guard is manufactured from Galvanised Steel. Designed for use with cables and pipes where protection is required from accidental damage, vandalism or theft. Designed to be installed on walls, fences and telegraph poles

• Due to product length and construction Anti-Vandal Guard may incur extra freight

Material: Galvanised Steel Colour: Silver Grev



		Max Diameter	Dimensions				
Code	Material	to Protect	Length (m)	Height	(A)	(B)	(C)
AVHD25-GALV	Galvanised Steel	25	2.5	41	35	60	100
AVHD38-GALV	Galvanised Steel	38	2.5	61	75	110	150
AVHD75-GALV	Galvanised Steel	75	2.5	92	95	160	200





Fixing & Security | CATENARY WIRE SYSTEMS

CATENARY WIRING SYSTEMS

Catenary Wire Galvanised Steel Catenary Wire

Galvanised Steel Catenary Wire is available in three stock sizes and two lengths. Also available in a range of PVC coated catenary wire in clear or solid colours as required. Rope can also be coated to suit your application.

Catenary Wire

Wire Design: 7 x 7 Construction Standards: BS 302-1:1987 Material: Galvanised Mild Steel / Clear PVC Covered

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Standard	PVC Coated			
Code	Code	Length	Width	Min Breaking Load (Kg)
CW30-2	CW30-2PVC	30	2	110
CW100-2	CW100-2PVC	100	2	110
CW30-3	CW30-3PVC	30	3	190
CW100-3	CW100-3PVC	100	3	190
CW30-4	CW30-4PVC	30	4	350
CW100-4	CW100-4PVC	100	4	350
CW30-6	CW30-6PVC	30	6	760
CW100-6	CW100-6PVC	100	6	760

Catenary Wire Kit

Wire Design: 7 x 7 Construction Standards: BS 302-1:1987 Material: Galvanised Mild Steel



Naterial	: Galva	inised I	Vild S	teel
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Code Length Width Min Breaking Load (Kg) Kit Contents CW30-3K 30 з 190 30m 3mm Galvanised Wire, 1x tensioner, 6x 3mm Wire Grips, 2x 3mm wire eye and 2x Wall Plates CW100-3K 190 100 3 100m 3mm Galvanised Wire, 1x tensioner, 6x 3mm Wire Grips, 2x 3mm wire eye and 2x Wall Plates

Catenary Wire Grips

Catenary Wire Grips are used on wire rope eye-loop connections, complete loops, end-to-end connections. Material: Dipped Galvanised Steel



Code	Wire Size	Height (mm)	Width (mm)	Pack QTY
CWG-23	2.0 to 3.0	10	21	20
CWG-4	4.0	10	24	20
CWG-6	6.0	11	26	20



Ident & Wiring Term

Copper Lugs

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Cable Jointing



All dimensions in mm except where stated

CATENARY WIRE SYSTEMS | Fixing & Security

CATENARY WIRING ACCESSORIES

Catenary Wire Eyelets

Wire Rope Eyelets offer protection to your wire rope and form a steel loop for securing. **Material:** Dipped Galvanised Steel

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Code	Wire Size	Pack QTY
WT-23	2.0 to 3.0	20
WT-4	4.0	20
WT-6	6.0	20

Catenary Wire Tensioners

Catenary wire tensioners are used to tension the wire which minimises unwanted movement. Material: Dipped Galvanised Steel



Code	Wire Size	Pack QTY
CWT-23	2.0 to 3.0	2
CWT-46	4.0 to 6.0	2

Wall Hook Plates

Hook Plates are designed for anchoring catenary wire into timber or other solid materials. **Material:** Dipped Galvanised Steel

Code	Plate Dimensions	Hook Projection	Pack QTY
HW-50	50 x 50 x 5	65.0	2

Catenary Wire Eye Bolts

Eye Bolts are designed for anchoring catenary wire into timber or other solid materials. **Material:** Dipped Galvanised Steel



20 **N** A

Code	Thread Size	Thread length	Overall Length	Pack QTY
M8EB	M8	50.0	93.0	10
M10EB	M10	50.0	93.0	10

Catenary Wire Leather Suspenders

Cable Suspenders are manufactured in leather with a hot dipped galvanised mild steel hook and brass eyelet. Used to support cables on catenary wire system.

Standards: BS EN ISO 1461

Material: Dipped Galvanised Steel / Leather Strap



	Dimensi	ions			Max. Cable	
Code	Length	Width	Hook	Max Load (Kg)	Diameter	Pack QTY
CS6	152.0	19.0	Single	22.0	32.0	10
CS7	178.0	19.0	Single	22.0	38.0	10
CS8	203.0	19.0	Single	23.0	48.0	10
CS9	228.0	25.4	Single	27.0	54.0	10
CS10	254.0	25.4	Single	28.0	60.0	10
CS12	305.0	50.8	Double	64.0	72.0	10







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Fixing & Security | GIRDER FIXING SYSTEMS

ELECTRICAL and MECHANICAL FIXING SYSTEMS

Ident & Wiring Term **Girder Clips**





E-Klips[™] is the market leading spring fastener brand, universally accepted with products manufactured from spring steel in accordance to BS 1449 Part 2 grade CS70 other products included rolled, forged and plastic components. Most components within this system are interchangeable and can be used in combination with each other.

Applications

The E-Klips[™] spring steel fasteners range provides a fixing for almost every application, including:

- Cables
- Trunking
- Cable tray
- Conduit
- Pipework
- Ducting
- Liahtina
- Suspended ceilings

Ultimate Corrosion Protection

E-Klips™ spring steel fasteners are now protected with our revolutionary Z600+ coating. This unique two-stage protective coating ensures that E-Klips fasteners remain protected from corrosion for a considerable period of time. Z600+ is an environmentally-friendly product which meets the requirement for a low solvent content material.

Reduced installation Time

E-Klips[™] spring steel fasteners have been developed to reduce installation time. They are easy to install using only a hammer, screwdriver, spanner or pliers.

FMRC Approval

FMRC approval indicates that the product has been tested and approved by the Factory Mutual Research Corporation (FMRC) for use in buildings where fire regulations and environmental concerns would apply.





Cable Ties Tooling & & Acc Cable Prep

Security

GIRDER FIXING SYSTEMS | Fixing & Security

GIRDER CLIPS

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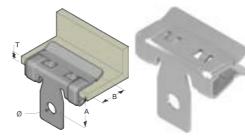
Cable Cleats

Earthing Lightning

MICC Cable

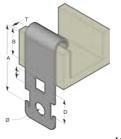
Tooling & Cable Ties Cable Prep & Acc

> Fixing & Security



Girder Clips for Chain or Wire

					Load	Material	
Code	(T)	ø	(A)	(B)	Rating Kg	Finish	Box QTY
AH-153	1.5 - 3.0	6.5	16.0	12.5	72.0	F8+	100
AH-38	3.0 - 8.0	6.5	18.0	20.3	90.0	F8+	100
AH-814	8.0 - 14.0	6.5	26.0	20.3	90.0	F8+	100
AH-1420	14.0 - 20.0	6.5	30.0	26.6	90.0	F8+	100

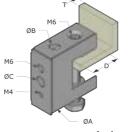




Purlin Clips for Chain or Wire

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							Load	Material		
Code	(T)	ø	(A)	(B)	(C)	(D)	Rating Kg	Finish	Box QTY	
AV-155	1.5 - 4.0	6.5	41.0	14.0	6.5	12.0	72.0	F8+	100	
AV-57	4.5 - 7.0	6.5	42.0	15.0	6.5	12.0	72.0	F8+	100	





Call the Remora sales team at 01226 352 000

Girder Clamps for Threaded Rod

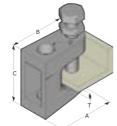
						Load	Material	
Code	(T)	Ø (A)	Ø (B)	Ø (C)	(D)	Rating Kg	Finish	Box QTY
FH-65	Max 18	12.7	6.5	6.5	19.5	45.0	F8+	100
FH-107	Max 18	10.7	10.7	6.5	19.5	45.0	F8+	100

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Fixing & Security | GIRDER FIXING SYSTEMS

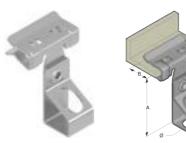
GIRDER CLIPS





Girder Clips for Threaded Rod

						Load	Material	
Code	(T)	ø	(A)	(B)	(C)	Rating Kg	Finish	Box QTY
FC-7	Max 19	7.0	50.0	42.0	45.0	120.0	F1	25
FC-9	Max 19	9.0	50.0	42.0	45.0	120.0	F1	25
FC-11	Max 19	11.0	50.0	42.0	45.0	250.0	F1	25
FC-13	Max 23	13.0	59.0	49.0	54.0	350.0	F1	25
FC-6T	Max 19	M6	50.0	42.0	45.0	120.0	F1	25
FC-8T	Max 19	M8	50.0	42.0	45.0	120.0	F1	25
FC-10T	Max 19	M10	50.0	42.0	45.0	250.0	F1	25
FC-12T	Max 23	M12	59.0	49.0	54.0	350.0	F1	25



Girder Clamps for Threaded Rod

					Load	Material	
Code	(T)	ø	(A)	(B)	Rating Kg	Finish	Box QTY
AH153-AM127	1.5 - 3.0	12.7	44.0	12.5	68.0	F8+	25
AH38-AM127	3.0 - 8.0	12.7	46.0	20.3	68.0	F8+	25
AH814-AM127	8.0 - 14.0	12.7	54.0	20.3	68.0	F8+	25
AH1420-AM127	14.0 - 20.0	12.7	66.0	26.6	68.0	F8+	25
AH153-AM6T	1.5 - 3.0	M6	44.0	12.5	68.0	F8+	25
AH38-AM6T	3.0 - 8.0	M6	46.0	20.3	68.0	F8+	25
AH814-AM6T	8.0 - 14.0	M6	54.0	20.3	68.0	F8+	25
AH1420-AM6T	14.0 - 20.0	M6	66.0	26.6	68.0	F8+	25
AH153-AM8T	1.5 - 3.0	M8	44.0	12.5	68.0	F8+	25
AH38-AM8T	3.0 - 8.0	M8	46.0	20.3	68.0	F8+	25
AH814-AM8T	8.0 - 14.0	M8	54.0	20.3	68.0	F8+	25
AH1420-AM8T	14.0 - 20.0	M8	66.0	26.6	68.0	F8+	25
AH153-AM10T	1.5 - 3.0	M10	44.0	12.5	68.0	F8+	25
AH38-AM10T	3.0 - 8.0	M10	46.0	20.3	68.0	F8+	25
AH814-AM10T	8.0 - 14.0	M10	54.0	20.3	68.0	F8+	25
AH1420-AM10T	14.0 - 20.0	M10	66.0	26.6	68.0	F8+	25

Earthing Lightning

MICC Cable

Cable Ties Tooling & & Acc Cable Prep

Fixing & Security

Ident & Wiring Term

Copper Heatshrink Lugs Repair

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PURLIN CLIPS

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				Load	Material	
Code	(T)	ø	(A)	Rating Kg	Finish	Box QTY
AV155-AM127	1.5 - 4.0	12.7	70.0	68.0	F8+	25
AV155-AM6T	1.5 - 4.0	M6	70.0	68.0	F8+	25
AV155-AM8T	1.5 - 4.0	M8	70.0	68.0	F8+	25
AV155-AM10T	1.5 - 4.0	M10	70.0	68.0	F8+	25
AV57-AM127	4.5 - 7.0	12.7	70.0	68.0	F8+	25
AV57-AM6T	4.5 - 7.0	M6	70.0	68.0	F8+	25
AV57-AM8T	4.5 - 7.0	M8	70.0	68.0	F8+	25
AV57-AM10T	4.5 - 7.0	M10	70.0	68.0	F8+	25

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Fastening Clips for Threaded Rod

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			Load	Material	
Code	Ø (A)	Fixing Size	Rating Kg	Finish	Box QTY
FM-313T	M6 / M8 / M10	M4 / 6.5	10	F8+	100
FM-320T	M6 / M8 / M10	M4 / 6.5	10	F8+	100



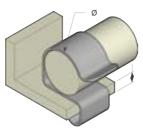
					Load	Material	
Code	(T)	ø	(A)	(B)	Rating Kg	Finish	Box QTY
PD	≤ 4	12.0	15.0	85.0	40.0	F2	50

Fixing & Security

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GIRDER CLIPS

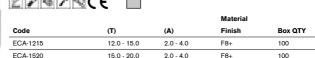






			Material	
Code	(T)	ø	Finish	Box QTY
ECS-4555	2.0 - 4.0	4.5 - 5.5	F8+	100
ECS-67	2.0 - 4.0	6 - 7	F8+	100
ECS-89	2.0 - 4.0	8 - 9	F8+	100
ECS-1011	2.0 - 4.0	10 - 11	F8+	100
ECS-1214	2.0 - 4.0	12 - 14	F8+	100
ECS-1519	2.0 - 4.0	15 - 18	F8+	100
ECS-2024	2.0 - 4.0	19 - 24	F8+	100
ECS-2532	2.0 - 4.0	25 - 32	F8+	100
ECM-4555	4.0 - 7.0	4.5 - 5.5	F8+	100
ECM-67	4.0 - 7.0	6 - 7	F8+	100
ECM-89	4.0 - 7.0	8 - 9	F8+	100
ECM-1011	4.0 - 7.0	10 - 11	F8+	100
ECM-1214	4.0 - 7.0	12 - 14	F8+	100
ECM-1519	4.0 - 7.0	15 - 18	F8+	100
ECM-2024	4.0 - 7.0	19 - 24	F8+	100
ECM-2532	4.0 - 7.0	25 - 32	F8+	100
ECL-4555	8.0 - 12.0	4.5 - 5.5	F8+	100
ECL-67	8.0 - 12.0	6 - 7	F8+	100
ECL-89	8.0 - 12.0	8 - 9	F8+	100
ECL-1011	8.0 - 12.0	10 - 11	F8+	100
ECL-1214	8.0 - 12.0	12 - 14	F8+	100
ECL-1519	8.0 - 12.0	15 - 18	F8+	100
ECL-2024	8.0 - 12.0	19 - 24	F8+	100
ECL-2532	8.0 - 12.0	25 - 32	F8+	100

Girder Clips for Single Cable





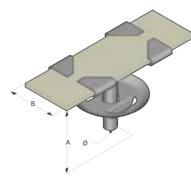


Fixing & Security

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Fastening Clips to conduit □ □ □ □ □ □ □ □

		Conduit Size	Load	Material	
Code	(T)	Ø (A)	Rating Kg	Finish	Box QTY
FM-313T	3.0 - 5.0	16 - 25	45	F8+	100
	6.0 - 9.0	16 - 20	45	F8+	100
	9.0 - 13.0	16	45	F8+	100
FM-320T	3.0 - 5.0	20 - 38	45	F8+	100
	6.0 - 9.0	20 - 35	45	F8+	100
	9.0 - 13.0	20 - 30	45	F8+	100
	13.0 - 16.0	20 - 25	45	F8+	100
	16.0 - 20.0	20	45	F8+	100



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Suspended Ceiling Clips

				Load	Material		
Code	ø	(A)	(B)	Rating Kg	Finish	Box QTY	
JHX-16SW (White)	M6	16.0	25.0	9.0	F4	100	
JHX-16S	M6	16.0	25.0	22.0	F8+	100	
JHX-38S	M6	38.0	25.0	22.0	F8+	100	
JH-15SW (White)	M6	15.0	15.0	22.0	F4	100	

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Fixing & Security

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BI-METAL CUTTING

Ident & Wiring Term

Copper Lugs

Heatshrink Repair

Cable Jointing

Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & Fixing & & Acc Cable Prep Security



Hole Saw Cutting

For over 130 years, manufacturers, builders, and tradespeople around the world have relied on Starrett Company's quality precision tools and saws to ensure the consistency of their work. They understand that the Starrett name on a saw blade guarantees exceptional quality, innovation, and expert technical support. Starrett line continue to be the most accurate, robust, and durable tools available, thanks to strict quality control, cutting-edge R&D, and an ongoing commitment to producing superior tools.

The No.1 Holesaw in the UK

Starrett

The 1st Choice for professionals in the trade

Cordless Smooth Cut

This revolutionary hole saw is supplied as a complete assembly with arbour, pilot drill, and ejector spring designed exclusively for cordless power tools. The safety stop at the base prohibits cutting beyond the hole saw depth of 13mm.



Fast Cut

The FCH - Fast Cut Hole Saw with enhanced heat & wear resistance. Provides a smoother, faster cut on a wide range of materials. Specifically suited to cutting stainless and mild steel sheets, the Fast Cut will also cut through tubes with a wall thickness of up to 3mm. For softer materials a cutting depth of up to 13mm.

Starrett



Kits & Accessories

Starrett Hole Saw Kits, you'll find a diverse range of saws, each meticulously selected in size to precisely meet the unique requirements of various trades. Whether you're an electrician, contractor, industrial user, or DIY enthusiast, these kits provide a versatile selection of saws crafted to fulfil a broad spectrum of needs.

HOLE SAWS | Fixing & Security

BI-METAL CUTTING



Bi Metal CSC - Cordless Smooth Cut

Complete hole saw assembly with arbour, pilot drill, and ejector spring designed exclusively for cordless power tools. The safety stop at the base prohibits cutting beyond the hole saw depth of 13mm (½ inch). Cuts stainless steel sheeting, tool and mild steel sheeting, wood, trunking, thin plastics, and thin non-metals. Recommended cutting depth: 3mm.

Featuring a heat-resistant high-speed steel edge, with alloy backing and a constant pitch of 8 TPI, it is ideal for cutting stainless and mild sheet steel, plasterboard, wood, and thin non-metallics.

- Safety stop at the base of the hole saw prevents saw travel beyond the hole saw depth -13mm
- · Core Ejector: Pre fitted spring
- · Complete assembly arbor, pilot drill and ejector spring included
- Constant pitch teeth provide exceptionally smooth cuts. Pitch 8 teeth per 25mm
- Recommended cutting depth 3mm

Applications: Stainless Steel Sheeting, Tool & Mild Steel Sheeting, Wood, Trunking, Thin Plastics & Thin Non-Metallics Material: High-Speed Steel



Code	Size	inch
CS16	16	5/8"
CS19	19	3/4"
CS20	20	25/32"
CS22	22	7/8"
CS25	25	1"
CS27	27	1.1/16"
CS29	29	1.1/8"
CS30	30	1.3/16"
CS32	32	1.1/4"
CS35	35	1.3/8"
CS38	38	1.1/2"
CS40	40	1.9/16"
CS51	51	2"





Cordless Smooth Cut Kits

Cordless Smooth Cut Kits are supplied in a durable, rugged carry case with pre-mould dividers. Offered in two convenient kits to cover most applications.

Applications: Stainless Steel Sheeting, Tool & Mild Steel Sheeting, Wood, Trunking, Thin Plastics & Thin Non-Metallics Material: High-Speed Steel

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Code	Description	Hole Saw Size
KCS03001	Electricians Kit	20mm, 25mm & 32mm
KCS06001	General Purpose Kit 1	16mm, 20mm, 22mm, 25mm, 32mm & 40mm



Tooling & Cable Prep

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Copper Lugs

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Junction Boxes

Flexible Conduit

Cable Glands

Gland Accs.

Cable Cleats

Earthing Lightning

Cable

Cable Ties Tooling & & Acc Cable Prep

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Code	Size	Arbors
FCH0096	14	
FCH0058	16	
FCH1016	17	
FCH0034	19	
FCH2532	20	
FCH2532-6pack	20	A1
FCH1036	21	A4
FCH0078	22	
FCH1056	24	A1-1 (SDS Plus)
FCH0100	25	
FCH0100-6pack	25	
FCH0116	27	
FCH0118	29	
FCH0136	30	
FCH0114	32	
FCH0114-6pack	32	
FCH0156	33	
FCH0138	35	
FCH0176	37	
FCH0112	38	
FCH0196	40	
FCH0158	41	A2
FCH1116	43	A10
FCH0134	44	
FCH1136	46	— A2-1 (SDS Plus)
FCH0178	48	
FCH0200	51	
FCH0216	52	
FCH0218	54	
FCH056M	56	
FCH0214	57	
FCH0256	59	

Bi Metal FCH - Fast Cut Hole Saws

The FCH - Fast Cut Bi-Metal Hole Saws contain an extra cobalt HSS tooth material, and a 5.5 TPI positive rake tooth design ensuring a smoother and faster cut. Although designed for cutting stainless steel, metals, and mild steel sheet, the Fast Cut Saws will cut through wood, plastic, plaster, and other materials. Recommended cutting depth up to 13mm in softer materials.

Featuring a heat-resistant high-speed steel edge, with alloy backing and a constant pitch of 5.5 TPI, it is ideal for cutting stainless and mild sheet steel, plasterboard, wood, and thin non-metallics.

With extra cobalt for enhanced heat and wear resistance - improving the product life
 The 5.5 TPI positive rake tooth form provides less torque for a smoother, faster cut in
 all materials

• 30% extra gullet volume for better material penetration.

 Ideal for 3mm stainless steel, mild steel sheet and tubes and other materials with a thickness of up to 13mm

Plus)

unickness of up to 13mm

Size range: 14mm - 210mm

41mm (1.5/8") hole saw depth

Applications: Stainless Steel Sheeting, Tool & Mild Steel Sheeting, Wood, Trunking, Plastics & Non-Metallics Material: High-Speed Steel



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Code	Size	Arbors
FCH0238	60	
FCH0212	64	
FCH0296	65	
FCH0258	67	
FCH068M	68	
FCH0234	70	
FCH0278	73	
FCH0300	76	
FCH0318	79	
FCH0314	83	
FCH0338	86	
FCH0312	89	A2
FCH0358	92	
FCH0334	95	A10
FCH0378	98	
FCH0400	102	A2-1 (SDS Pl
FCH0418	105	(00011
FCH0414	108	
FCH0438	111	
FCH0412	114	
FCH0434	121	
FCH0500	127	
FCH0514	133	
FCH0512	140	
FCH0600	152	
FCH160M	160	
FCH168M	168	
FCH177M	177	





HOLE SAWS | Fixing & Security

BI-METAL CUTTING



Fast Cut Hole Saws Kits

Starrett Hole Saw Kits meticulously selected in size to precisely meet the unique requirements of various trades. Supplied in unbreakable EVA cases for ultimate protection.

Applications: Stainless Steel Sheeting, Tool & Mild Steel Sheeting, Wood, Trunking, Plastics & Non-Metallics Material: High-Speed Steel





Code	Description	Hole Saw Size	Arbors	ible duit
KFC06022	Electricians Kit	16mm, 20mm, 25mm, 29mm, 44mm & 51mm	A1 & A10 Arbors	Flexible Conduit
KFC06021	Electricians Kit 1	16mm, 20mm, 25mm, 32mm, 40mm & 51mm	A1 & A10 Arbors	
KFC06023	General Purpose Kit	22mm, 29mm, 35mm, 44mm, 51mm & 64mm	A1 & A10 Arbors	
KFC11021	Deluxe Electricians Kit	16mm, 20mm, 22mm, 25mm, 29mm, 35mm, 44mm. 51mm, 64mm, 68mm, & 76mm	A1 & A2 Arbors	Cable Glands
KFC07021	Plumber Kit	19mm, 22mm, 29mm, 38mm, 44mm, 51mm & 57mm	A1 & A10 Arbors	
KFC11022	Deluxe Plumbers Kit	16mm, 19mm, 22mm, 29mm, 35mm, 38mm, 44mm, 51mm, 57mm, 65mm & 68mm	A1 & A2 Arbors	nd Ss.
KFC12021	Plumbers & Electricians Kit	16mm, 20mm, 22mm, 29mm, 35mm, 38mm, 40mm, 44mm, 51mm, 57mm, 65mm, & 68mm	A1 & A2 Arbors	Gland Accs.

Arbors

		Fits Hole Saw	
Code	Description	Dia.	Shank Size
A1	Arbor	14-30	8.75 (11/32")
A2	Arbor	32-210	11mm (7/16")
A4	Arbor	14-30	6.5mm (1/4")
A10	Arbor	32-210	8.75 (11/32")
A1-1	Arbor	14-30	SDS Plus
A2-1	Arbor	32-210	SDS Plus
A014C	79mm Pilot Drill	14-210	-
A014CE	92mm Pilot Drill	14-210	-



Arbor Extension Bar & Adaptor Nut

Code	Description	For Use With	Fits Chuck Size
A15	Arbor Extension 300mm Long	A1, A10 Arbors	9.5mm (3/8")
A5	Arbor Extension 300mm Long	A2 Arbor	13mm (1/2")
KA12	Arbor Adaptor Nut Allows Use Up To 152mm	A1, A4 & A1-1	-



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Ident & Wiring Term

Heatshrink Copper Repair Lugs

Cable Jointing

Junction Boxes

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Appendix |

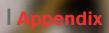
Appendix

Disclaimer

Every effort has been made and great care exercised, during the compilation of this publication. Although very unlikely, product details may vary due to circumstances beyond our control. These could arise from commercial factors, improvement to a products technical capability or any part of the manufacturing process. It is therefore stressed that details included in this publication should be used as a guide only rather than relied upon for any critical specification process. Any critical specification requirements should be advised at the time of enquiry. Remora Electrical Limited can accept no responsibility for loss or damage occurred as a result of reliance upon data featured in this publication.

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TOS

Product Guide

Sizing Charts

T & C's

1. Application of Terms and Conditions

1.1 The Seller shall sell and the Buyer shall purchase the Goods in accordance with any quotation or offer of the Seller which is accepted by the Buyer, or any order of the Buyer which is accepted by the Seller; and

1.2 These Terms and Conditions shall govern the Contract to the exclusion of any other terms and conditions subject to which any such quotation is accepted or purported to be accepted by the Seller, or any such order is made or purported to be made, by the Buyer.

2. Interpretation

2.1In these Terms and Conditions, unless the context otherwise requires, the following expressions have the following meanings:

"Business Day" means any day other than a Saturday, Sunday or bank holiday;

"Buyer" means the person who accepts a quotation or offer of the Seller for the sale of the Goods or whose order for the Goods is accepted by the Seller;

"Contract" means the contract for the purchase and sale of the Goods which shall incorporate, and be subject to, these Terms and Conditions.

"Contract Price" means the price stated in the Contract payable for the Goods;

"Delivery Date" means the date on which the Goods are to be delivered as stipulated in the Buyer's order and accepted by the Seller, as evidenced in the Contract;

"Goods" means the goods (including any instalment of the goods or any parts for them) which the Seller is to supply in accordance with the Contract;

"Month" means a calendar month; and

"Seller" means Remora Electrical Limited, a company registered in England under 1115519, Unit 8a Shortwood Business Park, Barnsley S74 9LH and includes all employees and agents of Remora Electrical Limited.

2.2 Unless the context otherwise requires, each reference in these Terms and Conditions to:

2.2.1 "writing", and any cognate expression, includes a reference to any communication effected by electronic or facsimile transmission or similar means;

2.2.2 a statute or a provision of a statute is a reference to that statute or provision as amended or re-enacted at the relevant time;

2.2.3 "these Terms and Conditions" is a reference to these Terms and Conditions and any Schedules as amended or supplemented at the relevant time;

2.2.4 a Schedule is a schedule to these Terms and Conditions; and 2.2.5 a Clause or paragraph is a reference to a Clause of these Terms and Conditions (other than the Schedules) or a paragraph of the relevant Schedule.

 $2.2.6\ a$ "Party" or the "Parties" refer to the parties to these Terms and Conditions.

2.3 The headings used in these Terms and Conditions are for convenience only and shall have no effect upon the interpretation of these Terms and Conditions.

 $\ensuremath{2.4}$ Words imparting the singular number shall include the plural and vice versa.

2.5 References to any gender shall include the other gender.

3. Basis of Sale

3.1 The Seller's employees or agents are not authorised to make any representations concerning the Goods unless confirmed by the Seller in writing. In entering into the Contract the Buyer acknowledges that it does not rely on, and waives any claim for breach of, any such representations which are not so confirmed.

3.2 No variation to these Terms and Conditions, or to the Contract, shall be binding unless agreed in writing between the authorised representatives of the Buyer and the Seller.

3.3 Sales literature, price lists and other documents issued by the Seller in relation to the Goods are subject to alteration without notice and do not constitute offers to sell the Goods which are capable of acceptance. No contract for the sale of the Goods shall be binding on the Seller unless the Seller has issued a quotation which is expressed to be an offer to sell the Goods or has accepted an order placed by the Buyer by whichever is the earlier of:

- 3.3.1 the Seller's written acceptance;
- 3.3.2 delivery of the Goods; or
- 3.3.3 the Seller's invoice.

3.4 Any typographical, clerical or other accidental errors or omissions in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller.

4. Orders and Specifications

4.1 No order submitted by the Buyer shall be deemed to be accepted by the Seller unless and until confirmed in writing by the Seller's authorised representative.

4.2 The specification for the Goods shall be that set out in the Seller's sales documentation unless varied expressly in the Buyer's order (if such variation(s) is/are accepted by the Seller). The Goods will only be supplied in the minimum units thereof stated in the Seller's price list or in multiples of those units. Orders received for quantities other than these will be adjusted accordingly.

4.3 Illustrations, photographs or descriptions whether in catalogues, brochures, price lists or other documents issued by the Seller are intended as a guide only and shall not be binding on the Seller.
4.4 The Seller reserves the right to make any changes in the specification of the Goods which are required to conform with any applicable safety or other statutory or regulatory requirements or, where the Goods are to be supplied to the Buyer's specification,

which do not materially affect their quality or performance. 4.5 No order which has been accepted by the Seller may be cancelled by the Buyer except with the agreement in writing of the Seller on the terms that the Buyer shall indemnify the Seller in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of such cancellation.

5. Price

5.1 The Contract Price of the Goods shall be the price listed in the Seller's quotation or price list, current at the date of acceptance of the Buyer's order or such other price as may be agreed in writing by the Seller and the Buyer.

5.2 Where the Seller has quoted a price for the Goods other than in accordance with the Seller's published price list the price quoted shall be valid for 30 days day's or such lesser time as the Seller may specify.

5.3 The Seller reserves the right, by giving written notice to the Buyer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost to the Seller which is due to any factor beyond the control of the Seller (including, without limitation, any foreign exchange fluctuation, currency regulation, alteration of duties, significant increase in the costs of labour, materials or other costs of manufacture), any change in delivery dates, quantities or specifications for the Goods which are requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions.

5.4 The Seller will OR may allow the Buyer quantity discounts subject to and in accordance with the conditions set out in the Seller's

Inde

Product Guide

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published price list for the Goods current at the date of acceptance of the Buyer's order.

5.5 Any settlement discount specified by the Seller in the Contract will be allowed by the Seller to the Buyer in respect of Goods for which payment is received by the Seller on or before the due date and otherwise in accordance with the payment terms set out in these Terms and Conditions and provided that no other amounts owing by the Buyer to the Seller are overdue and unpaid.

5.6 Except as otherwise stated under the terms of any quotation or in any price list of the Seller, and unless otherwise agreed in writing between the Buyer and the Seller, all prices are exclusive of the Seller's charges for packaging and transport.

5.7 The Contract Price is exclusive of any applicable value added tax, excise, sales taxes or levies of a similar nature which are imposed or charged by any competent fiscal authority in respect of the Goods, which the Buyer shall be additionally liable to pay to the Seller.

6. Payment

6.1 Subject to any special terms agreed in writing between the Buyer and the Seller, the Seller shall invoice the Buyer for the Contract Price of the Goods on or at any time after delivery of the Goods, unless the Goods are to be collected by the Buyer or the Buyer wrongfully fails to take delivery of the Goods, in which event the Seller shall be entitled to invoice the Buyer for the Contract Price at any time after the Seller has notified the Buyer that the Goods are ready for collection or (as the case may be) the Seller has tendered delivery of the Goods. 6.2 The Buyer shall pay the Contract Price of the Goods (less any discount or credit allowed by the Seller, but without any other deduction, credit or set off) within 30 Business Days of the date of the Seller's invoice or otherwise in accordance with such credit terms as may have been agreed in writing between the Buyer and the Seller in respect of the Contract. Payment shall be made on the due date notwithstanding that delivery may not have taken place and/or that the property in the Goods has not passed to the Buyer. The time for the payment of the Contract Price shall be of the essence of the Contract. Receipts for payment will be issued only upon request.

6.3 All payments shall be made to the Seller as indicated on the form of acceptance or invoice issued by the Seller.

6.4 The Seller is not obliged to accept orders from any customer or buyer who has not supplied the Seller with references satisfactory to the Seller. If at any time the Seller is not satisfied as to the creditworthiness of the Buyer it may give notice in writing to the Buyer that no further credit will be allowed to the Buyer in which event no further goods will be delivered to the Buyer other than against cash payment and notwithstanding sub-Clause 6.2 of these Terms and Conditions, all amounts owing by the Buyer to the Seller shall be immediately payable in cash.

7. Delivery

7.1 Delivery of the Goods shall be made by the Seller delivering the Goods to the place in the United Kingdom specified in the Buyer's order and/or the Seller's acceptance and/or the Contract as the location to which the Goods are to be delivered by the Seller or, if no place of delivery is so specified, by the Buyer collecting the Goods at the Seller's premises at any time after the Seller has notified the Buyer that the Goods are ready for collection.

7.2 The Delivery Date is approximate only and time for delivery shall not be of the essence unless previously agreed by the Seller in writing. The Goods may be delivered by the Seller in advance of the Delivery Date upon giving reasonable notice to the Buyer.

7.3 Where the Goods are to be delivered in instalments, each delivery shall constitute a separate contract and failure by the Seller to deliver any one or more of the instalments in accordance with these Terms and Conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat the Contract as a

whole as repudiated.

7.4 If the Buyer fails to take delivery of the Goods or any part of them on the Delivery Date and/or fails to provide any instructions, documents, licences, consents or authorisations required to enable the Goods to be delivered on that date, the Seller shall be entitled upon giving written notice to the Buyer to store or arrange for the storage of the Goods and then notwithstanding the provisions of sub-Clause 10.1, risk in the Goods shall pass to the Buyer, delivery shall be deemed to have taken place and the Buyer shall pay to the Seller all costs and expenses including storage and insurance charges arising from such failure.

8. Non-Delivery

8.1 The Seller will use its reasonable endeavours to comply with any date or dates for despatch or delivery of the goods as stated in the Contract but unless the Contract, but unless the Contract or between systemessly provides such date or dates shall constitute only statements of expectation and shall not be binding. If the Seller having used its reasonable endeavours fails to despatch or deliver the goods by such date or dates, such failure shall not constitute a breach of the Contact nor shall the Buyer be entitled to treat the contract as thereby repudiated or to rescind it or any related contract in whole or in part to claim compensation for such failure or for any consequential loss or damage.

9. Inspection/Shortage

9.1 The Buyer is under a duty whenever possible to inspect the Goods on delivery or on collection as the case may be.

9.2 Where the Goods cannot be examined the carrier's note or such other note as appropriate shall be marked "not examined".
9.3 The Seller shall be under no liability for any damage or shortages that would be apparent on reasonable careful inspection if the provisions of this Clause 9 are not complied with and, in any event, will be under no liability if a written complaint is not delivered to the Seller within 3 Business Days of delivery detailing the alleged damage or shortage.

9.4 In all cases where defects or shortages are complained of the Seller shall be under no liability in respect thereof unless an opportunity to inspect the Goods is supplied to the Seller before any use is made thereof or any alteration or modification is made thereto by the Buyer.

9.5 Subject to sub-Clauses 9.3 and 9.4, the Seller shall make good any shortage in the Goods and where appropriate replace any Goods damaged in transit as soon as it is reasonable to do so, but otherwise shall be under no liability whatsoever arising from such shortage or damage.

10. Risk and Retention of Title

10.1 Risk of damage to or loss of the Goods shall pass to the Buyer at:

10.1.1 in the case of Goods to be delivered at the Seller's premises, the time when the Seller notifies the Buyer that the Goods are available for collection; or

10.1.2 in the case of Goods to be delivered otherwise than at the Seller's premises, the time of delivery or, if the Buyer wrongfully fails to take delivery of the Goods, the time when the Seller has tendered delivery of the Goods.

10.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Terms and Conditions, legal and beneficial title of the Goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the price of the Goods.

10.3 Sub-Clause 10.2 notwithstanding, legal and beneficial title of the Goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the Contract Price of the Goods and any other goods supplied by the Seller and the Buyer has repaid

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all moneys owed to the Seller, regardless of how such indebtedness arose.

10.4 Until payment has been made to the Seller in accordance with these Terms and Conditions and the Contract and tille in the Goods has passed to the Buyer, the Buyer shall be in possession of the Goods as bailee for the Seller and the Buyer shall store the Goods separately and in an appropriate environment, shall ensure that they are identifiable as being supplied by the Seller and shall insure the Goods against all reasonable risks.

10.5 The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of the Seller, but if the Buyer does so all money owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable.

10.6 The Seller reserves the right to repossess any Goods in which the Seller retains title without notice. The Buyer irrevocably authorises the Seller to enter the Buyer's premises during normal business hours for the purpose of repossessing the Goods in which the Seller retains title or inspecting the Goods to ensure compliance with the storage and identification requirements of sub-Clause 10.4.

10.7 The Buyer's right to possession of the Goods in which the Seller maintains legal and beneficial title shall terminate if:

10.7.1 the Buyer commits or permits any material breach of his obligations under these Terms and Conditions;

10.7.2 the Buyer enters into a voluntary arrangement under Parts I or VIII of the Insolvency Act 1986, the Insolvent Partnerships Order 1994 (as amended), or any other scheme or arrangement is made with his creditors;

10.7.3 the Buyer is or becomes the subject of a bankruptcy order or takes advantage of any other statutory provision for the relief of insolvent debtors;

10.7.4 the Buyer convenes any meeting of its creditors, enters into voluntary or compulsory liquidation, has a receiver, manager, administrator or administrative receiver appointed in respect of its assets or undertaking or any part thereof, any documents are filed with the court for the appointment of an administrator in respect of the Buyer, notice of intention to appoint an administrator is given by the Buyer or any of its directors or by a qualifying floating charge-holder (as defined in paragraph 14 of Schedule B1 of the Insolvency Act 1986), a resolution is passed or petition presented to any court for the winding up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer.

11. Assignment

11.1 The Seller may assign the Contract or any part of it to any person, firm or company without the prior consent of the Buyer.11.2 The Buyer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Seller.

12. Defective Goods

12.1 If on delivery any of the Goods are defective in any material respect and either the Buyer lawfully refuses delivery of the defective Goods or, if they are signed for on delivery as "condition and contents unknown" the Buyer gives written notice of such defect to the Seller within 3 Business Days of such delivery, the Seller shall at its option: 12.1.1 replace the defective Goods within 14 Business Days of receiving the Buyer's notice; or

12.1.2 refund to the Buyer the price for those Goods (or parts thereof, as appropriate) which are defective;

but the Seller shall have no further liability to the Buyer in respect thereof and the Buyer may not reject the Goods if delivery is not refused or notice given by the Buyer as set out above.

12.2 No Goods may be returned to the Seller without the prior agreement in writing of the Seller. Subject thereto any Goods

returned which the Seller is satisfied were supplied subject to defects of quality or condition which would not be apparent on inspection shall either be replaced free of charge or, at the Seller's sole discretion the Seller shall refund or credit to the Buyer the price of such defective Goods but the Seller shall have no further liability to the Buyer. 12.3 The Seller shall be under no liability in respect of any defect arising from fair wear and tear, or any wilful damage, negligence, subjection to normal conditions, failure to follow the Seller's instructions (whether given orally or in writing), misuse or alteration of the Goods without the Seller's prior approval, or any other act or omission on the part of the Buyer, its employees or agents or any third party.

12.4 Subject as expressly provided in these Terms and Conditions, and except where the Goods are sold under a consumer sale, all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.

12.5 Except in respect of death or personal injury caused by the Seller's negligence, or as expressly provided in these Terms and Conditions, the Seller shall not be liable to the Buyer by reason of any representation, or any implied warranty, condition or other term, or any duty at common law or under statute, or under the express terms of the Contract, for any direct or consequential loss or damage sustained by the Buyer (including without limitation loss of profit or indirect or special loss), costs, expenses or other claims for consequential compensation whatsoever (and whether caused by the negligence of the Seller, its servants or agents or othervise) which arise out of or in connection with the supply of the Goods or their use or resale by the Buyer.

12.6 The Buyer shall be responsible for ensuring that, except to the extent that instructions as to the use or sale of the Goods are contained in the packaging or labelling of the Goods, any use or sale of the Goods by the Buyer is in compliance with all applicable statutory requirements and that handling and sale of the Goods by the Buyer is carried out in accordance with directions given by the Seller or any competent governmental or regulatory authority and the Buyer will indemnify the Seller against any liability loss or damage which the Seller might suffer as a result of the Buyer's failure to comply with this condition.

13. Return of Goods

13.1 The Seller will accept the return of goods from the Buyer only:13.1.1 by prior arrangement (confirm in writing) and in accordance with our standard return of goods procedure;

13.1.2 on payment of an agreed handling charge (unless the goods were defective when delivered); and

13.1.3 where the goods are as fit for sale on their return as they were on delivery.

14. Buyer's Default

14.1 If the Buyer fails to make any payment on the due date then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to:

14.1.1 cancel the order or suspend any further deliveries to the Buyer; 14.1.2 appropriate any payment made by the Buyer to such of the Goods (or the goods supplied under any other contract between the Buyer and the Seller) as the Seller may think fit (notwithstanding any purported appropriation by the Buyer); and

14.1.3 charge the Buyer interest (both before and after any judgement) on the amount unpaid, at the rate of 8% per annum above Base Lending Rate of Bank of England until payment in full is made (a part of a month being treated as a full month for the purpose of calculating interest).

14.2 This condition applies if:

14.2.1 the Buyer fails to perform or observe any of its obligations hereunder or is otherwise in breach of the Contract;

14.2.2 the Buyer becomes subject to an administration order or enters

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into a voluntary arrangement under Parts I or VIII of the Insolvency Act 1986 or the Insolvent Partnerships Order 1994 (as amended) or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation;

14.2.3 an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer;

14.2.4 the Buyer ceases, or threatens to cease, to carry on business; or

14.2.5 the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly.

14.3 If sub-Clause 14.2 applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without any liability to the Buyer, and if the Goods have been delivered but not paid for the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

15. Limitation of Liability

15.1 Subject to the provisions of Clauses 7, 8 and 12 the following provisions set out the entire financial liability of the Seller (including any liability for the acts or omissions of its employees, agents and subcontractors) to the Buyer in respect of:

15.1.1 any breach of these Terms and Conditions or the Contract; 15.1.2 any use made (including but not limited to modifications) or resale by the Buyer of any of the Goods, or of any product incorporating any of the Goods; and

15.1.3 any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract. 15.2 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.

15.3 Nothing in these Terms and Conditions excludes or limits the liability of the Seller:

15.3.1 for death or personal injury caused by the Seller's negligence; 15.3.2 for any matter which it would be illegal for the Seller to exclude or attempt to exclude its liability; or

15.3.3 for fraud or fraudulent misrepresentation.

15.4 Subject to sub-Clauses 15.2 and 15.3:

15.4.1 the Seller's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract Price; and 15.4.2 the Seller shall not be liable to the Buyer for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.

16. Confidentiality, Publications and Endorsements

16.1 The Buyer will regard as confidential the contract and all information obtained by the Buyer relating to the business and/or products of the Seller and will not use or disclose to any third party such information without the Seller's prior written consent provided that this undertaking shall not apply to information which is in the public domain other than by reason of the Buyer's default.

16.2 The Buyer will not use, authorise or permit any other person to use any name, trademark, house mark, emblem or symbol which the Seller is licensed to use or which is owned by the Seller upon any premises, note paper, visiting cards, advertisement or other printed matter or in any other manner whatsoever unless such use shall have been previously authorised in writing by the Seller and (where appropriate) its licensor. 16.3 The Buyer will use all OR its reasonable endeavours to ensure compliance with this Clause 16 by its employees, servants and agents. 16.4 The provisions of this Clause 16 shall survive the termination of the Contract.

17. Communications

17.1 All notices under these Terms and Conditions and under the Contract shall be in writing and be deemed duly given if signed by, or on behalf of, a duly authorised officer of the Party giving the notice. 17.2 Notices shall be deemed to have been duly given:

17.2.1 when delivered, if delivered by courier or other messenger (including registered mail) during the normal business hours of the recipient: or

17.2.2 when sent, if transmitted by facsimile or e-mail and a successful transmission report or return receipt is generated; or

17.2.3 on the fifth business day following mailing, if mailed by national ordinary mail, postage prepaid; or

17.2.4 on the tenth business day following mailing, if mailed by airmail, postage prepaid.

17.3 Åll notices under this Agreement shall be addressed to the most recent address, e-mail address, or facsimile number notified to the other Party.

18. Force Majeure

Neither Party shall be liable for any failure or delay in performing their obligations where such failure or delay results from any cause that is beyond the reasonable control of that Party. Such causes include, but are not limited to: power failure, Internet Service Provider failure, industrial action, civil unrest, fire, flood, storms, earthquakes, acts of terrorism, acts of war, governmental action or any other event that is beyond the control of the Party in question.

19. Waiver

The Parties agree that no failure by either Party to enforce the performance of any provision in these Terms and Conditions or under the Contract shall constitute a waiver of the right to subsequently enforce that provision or any other provision. Such failure shall not be deemed to be a waiver of any preceding or subsequent breach and shall not constitute a continuing waiver.

20. Severance

The Parties agree that, in the event that one or more of the provisions of these Terms and Conditions or the Contract are found to be unlawful, invalid or otherwise unenforceable, that / those provisions shall be deemed severed from the remainder of these Terms and Conditions (and, by extension, the Contract). The remainder of these and the Contract shall be valid and enforceable.

21. Third Party Rights

A person who is not a party to the Contract shall have no rights under the Contract pursuant to the Contracts (Rights of Third Parties) Act 1999.

22. Law and Jurisdiction

22.1 These Terms and Conditions and the Contract (including any non-contractual matters and obligations arising therefrom or associated therewith) shall be governed by, and construed in accordance with, the laws of England and Wales.

22.2 Any dispute, controversy, proceedings or claim between the Parties relating to these Terms and Conditions or to the Contract (including any non-contractual matters and obligations arising therefrom or associated therewith) shall fall within the jurisdiction of the courts of England and Wales.

Call the Remora sales team at 01226 352 000

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Fire Hazard and Performance

Fire Hazard and Performance

The fire hazard performance of a product can be determined through four defined properties. Flame retardancy, Smoke emission, Toxicity and Halogen content. Each of these properties gives an independent measure of the characteristics and behaviour of a material during combustion. Collectively they can be used to rate the overall fire performance of a product. Low fire hazard properties are required to protect personnel and property in the event of a fire and are increasingly specified for in construction, industrial and domestic installations.



Low Smoke: Low Smoke products typically use traditional materials such as PVC, however the inclusion of highperformance flame retardant plasticisers and low smoke additives increase safety by reducing smoke values and the release of toxic gases.

Zero Halogen: Products bearing the Zero Halogen mark have been tested to ensure they do not contain halogens. Greatly reducing risk to personnel and equipment. In addition to being toxic to humans acid smoke can destroy computer equipment and damage the structure of a building. Of particular interest to insurers.

Low Smoke Zero Halogen: Low Smoke Zero Halogen products have been designed and tested to ensure the absence of halogens while maintaining low levels of smoke emission.

Flame Retardancy: UL 94 is a plastics flammability standard released by Underwriters Laboratories of the United States and commonly applied throughout the world. The standard determines the material's tendency to either extinguish or spread the flame once the specimen has been ignited. UL-94 is now harmonized with IEC 60707, 60695-11-10 and 60695-11-20 and ISO 9772 and 9773. Category V0 is the most flame retardant followed by V1 and V2.

Smoke Emission: There are various standards outlining tests and requirements for smoke emission. BS 6853, the UK code of practice for railway rolling stock, is commonly referenced as it includes the specifications for a test measuring smoke density.

Toxicity: BS 6853 also includes several tests measuring the composition and presence of toxic elements.

Halogen Content: The halogen elements are fluorine, chlorine, bromine and iodine. These elements are highly reactive and all give off toxic fumes and thick smoke. Their presence can pose a significant risk to personnel and equipment in the event of a fire. Halogen content is assessed by various chemical and analytical tests.

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QUALITY POLICY AND APPROVALS

ISO9001

Remora Electrical Ltd is an ISO 9001: 2015 accredited business. ISO 9001: 2015 is the internationally recognised standard for the quality management of businesses. The aim of the standard is to give improved product, process and service quality within an organisation and can lead to increased productivity with a reduction in waste through streamlining of current working practices.





RoHS 2 (2011/65/EU) Compliance

On July 1, 2006, the European Union (EU) Member States had to ensure that new electrical and electronic equipment (EEE) placed on the market did not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as per the original RoHS (Restriction of Hazardous Substances) Directive (2002/95/EC). Under this directive, exemptions were allowed to be used with some specific conditions.

On June 8, 2011, the EU released the recast of the RoHS directive (2011/65/EU, RoHS 2). Under this revision, the RoHS directive is considered a CE Marking directive. Additionally, some exemptions were discontinued and considered expired as of January 2, 2013.

On January 2, 2013, the EU Member States had to adopt and publish the laws and administrative provisions necessary to comply with the RoHS 2 directive.

As a result, Remora has taken the appropriate measures to meet the requirements of the RoHS 2 directive and to maintain the availability of RoHS compliant product to its customers.

REACH *7*

The Registration, Evaluation, Authorisation and restriction of Chemicals. REACH aims to protect human health and the environment from the risks arising from the use of chemicals whilst maintaining the free movement of goods on the EU market and enhancing competitiveness and innovation. It intends to achieve its goal by requiring industry to determine and make public the risks posed by the use of chemicals.

Remora Electrical Limited has implemented REACH procedures and actively works together with suppliers to insure components and materials meet the REACH regulation. To the best of our knowledge and according to information from our suppliers our products are not intended to release any substance under normal or reasonably foreseeable conditions of use We will continue to review materials and components in an on-going due diligence process.

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Trefoil Selection and Correct Spacing

Trefoil Cleat Spacing

Scope: The function of trefoil cable cleats is to secure cables in formation to supports. Following either a short circuit fault or an excursion up to a high temperature within their design limits they will continue to fulfil this role.

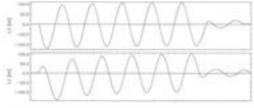
Short Circuit Current: When a short circuit fault occurs in a three phase system, there is at first a period of extreme asymmetry which is then followed by a steadier more symmetrical state. The degree of asymmetry depends on when in the cycle the fault is initiated and also the nature of the fault. By convention, the "Peak" is the maximum current value achieved in the early asymmetrical period and it is at this point that the highest instantaneous force between the cables occurs.

Short Circuit Current	Cleat Spacing	Fixings	Part Code
77kA peak	600mm	One Bolt	376AC01-33
101kA peak	300mm	One Bolt	376AC01-33

Trefoil Cleat Spacing: Trefoil cleats are required to withstand the high forces generated by high short circuit currents will often be spaced at very regular intervals - typically matching the commonly available cable ladder (i.e. 300mm / 600mm).

The maximum short circuit current values will be quoted for each design of trefoil cleat - if a system uses larger cables or has a lower fault current it may be possible to broaden these spacings.

As a general rule in order to create and maintain a satisfactory trefoil installation **a maximum cleat spacing of 900mm or less is recommended**.



Short Circuit: BS EN 61914:2021 provides a formula which enables us to calculate the maximum force on a cable conductor.

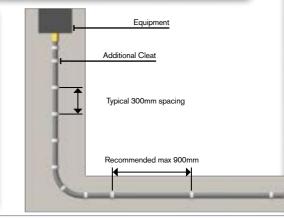
$$F_{t} = 0.17 i_{p}^{2} / S$$

F_t is the maximum force on the cable conductor in a trefoil configuration for a three phase short circuit [N/m]

 $\dot{I}_{\rm p}$ is the peak short-circuit current (kA)

S is the centre to centre distance between two neighbouring conductors [m] (for trefoil arrangements S = Cable Diameter)

Short circuit tests are performed on the most critical cleat size within its range. The formula can then be used to calculate the maximum force generated during the test. This maximum force figure can then be used when specifying alternative configurations of cable size and fault current.



Recommended cleat spacings are to be treated as guidance only. It is the responsibility of the project electrical engineer to ensure safe design arrangement.

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Cleat Selection

If you're here it's likely you may have asked yourself 'which cable cleat should I use for this job?' Unfortunately the answer frequently is 'well, it depends!'

Cable Arrangement - The cable arrangement/ configuration will primarily dictate the type of cleat required. Cable arrangements for 3 phase installations utilising single conductor cables are typically flat spaced, flat touching or trefoil. A parallel or flat arrangement of single core cables can be completed with a range of single or two-part cleats. Whereas a trefoil or quad arrangement would require a trefoil or quad type cleat respectively.

Cable Type - The type of cable being used, Single or Multi-core, as well as its Voltage Levels and Construction Low Voltage (LV), Medium Voltage (MV) or High Voltage (HV)} should be considered.

Cable Diameter - Knowing the overall diameter of the cable (measurement across the entire cross-section) is essential in ensuring the correct size of cleat is selected. It is also required to calculate the short circuit forces that the cleat may be subjected to, this can be used to determine correct cleat spacings.

Performance - A range of factors will dictate the level of performance your installation will require. The size, weight and length of run of the cable also spacing will usually influence whether you require a polymer or metallic cleat. Things such as the support structure material and environmental conditions (corrosion) can also affect your decision of cleat material. Other factors such as project specification may require special provision for performance in the event of a fire. Low Smoke or Zero Halogen options are available along with cast iron in extreme cases.











Plastic One-Part: The Clingstrap is a comprehensive range of single fixing cable cleats, providing a simple but strong means of securing cables. Suitable for use with cables or pipes ranging from 5-50.8mm in diameter. These cleats are typically used to secure low and medium voltage cables.

Plastic Two-Part: Available in both single-fixing and dual-fixing, accepting cable diameters from 10-135mm. These cleats offer a wider cable acceptance range and more secure fixing. Increase load rating of the dual-fixing means it can accommodate low, medium and high voltage cables.

Metallic Two-Part: Available in both single-fixing and dual-fixing, accepting cable diameters from 10-120mm. These cleats offer a wider cable acceptance range and more secure fixing. Increase load rating of the dual-fixing means it can accommodate low, medium and high voltage cables.

Trefoil: Available in both single-fixing and dual-fixing, accepting cable diameters from 24-76mm. These cleats offer a wider cable acceptance range and more secure fixing. Increase load rating of the dual-fixing means it can accommodate low, medium and high voltage cables.

Stainless Steel: Additional styles are available for use in extreme operating conditions. 316 Stainless steel cleats offer superior short circuit withstand levels and corrosion resistance available to suit single, trefoil, quad or bundled cables. Metallic one-part and two-part metallic cleats are also available in cast iron, for the ultimate performance in fire survival situations.

Challenge us - We find a solution

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Cable Glands What Are They?

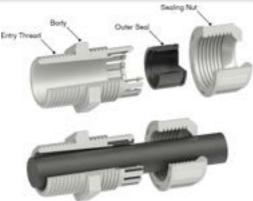
Cable Glands

A cable gland is a device designed to attach and secure the end of an electrical cable to the equipment. Cable Glands address an essential requirement in cable management planning and implementation. Their foremost purpose is to grip and seal electrical cables where they pass through a dividing barrier, such as upon entry to a piece of equipment or where they pass through a bulkhead or panel. This is achieved by gripping either the outer sheath of the cable or the armour wire, or by a combination of the two. Cable glands are available in countless designs and features but these can be distilled down to four essential functions.

- **Sealing:** The ability to provide a barrier against ingress of dust, liquid or gas.
- Retention: The ability to secure and hold the cable in place, commonly know as 'pull out' resistance.
- Continuity: The ability to safely carry a peak short circuit current.
- Environmental Protection: The ability to protect against environmental attack, from corrosive or explosive liquids and gasses to ultraviolet exposure.



Nylon 'Stuffing Gland' - Perhaps the simplest type of gland, this comprises a body section, an outer sheath seal and a sealing nut. The complete assembly is secured to the equipment or panel via the threaded entry part; this can be threaded directly into the equipment if it has an existing receiving thread, or secured with a locknut if a blank hole. The cable can then be passed through the assembled gland and the sealing cap tightened, compressing the inner seal and securing the cable in place. This also provides an environmental seal around the outer sheath.



CW type Steel Wire Armour gland

This gland is slightly more complex, because it needs to provide an additional connection to the cable armour, however it shares the same fundamental design. The entry thread of the body is used to secure the whole assembly to the equipment. A secondary threaded nut which houses a cone-and-ring assembly secures the cable armour to the gland and finally once again a sealing nut secures and provides an environmental seal against the outer sheath. There are several variations on this theme but nearly all cable glands work along this fundamental principal of a threaded entry assembly that connects to the equipment and additional threaded nuts which secure the cable to the assembly.

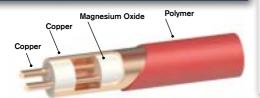
PRODUCT SELECTION

What Is MICC Cable?

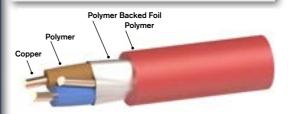
Fire RESISTANT Cable

In building construction, electrical cable sheathing is a potential source of fuel in the event of a fire. Soft-skin flame retardant cables consist of single or multi-stranded conductor cores (copper), individual core insulation (polymer) and an outer insulating sheath (polymer). This arrangement has a continuous operating temperature of 80°C. Because this arrangement contains polymers that easily burn, soft-skin cable manufacturers may use LSF (Low Smoke and Fume) or LSZH (Low Smoke Zero Halogen) fire retardant polymers to limit the spread of fire along the sheathing. Halogens (non-metallic elements) are added to the outer sheath such as; chlorine, bromine and fluorine. When exposed to a fire, these halogenated polymers will release halides which are extremely toxic. The outer and inner sheaths of soft skin polymer cables burn and contribute to a fire releasing toxic smoke which can itself ignite, often explosively. Further and crucially, in the event of a fire flame retardant cables offer little benefit with regard to maintaining circuit integrity.

- Fire Resistant: Mineral insulated cable can work at a continuous ambient temperatures of up to 250°C, up to three hours at 950°C in a fire situation and even up to 1083°C for shorter periods. It will neither burn nor support combustion.
- Mechanical strength: The outer copper sheath provides a protective barrier, providing extreme protection against mechanical stresses that would be fatal to conventional soft-skin cables.
- Waterproof: The protective barrier created by the outer copper sheath combined with ATEX approved fittings and terminations make an MICC connection completely impervious to ingress from water, oil and gases.
- Ease of Use and Cost: The total life cycle costs of MICC in a building with a typical 40-50 year design expectancy is considerably lower than XLPE steel wire armoured LSZH fire retardant cable, thus off-setting any additional initial expenditure.



MICC - The acronym MICC stands for Mineral Insulated Copper Cable. Mineral Insulated Copper Cable is an example of Fire Resistant cable; it neither release toxins, nor will burn. Unlike soft-skin polymeric cable, MICC utilises just two unique elements, copper and magnesium oxide. It consists of single or multiple conductors (copper), core insulation (highly compressed magnesium oxide) and an outer copper sheath (copper).



Approvals and Standards

Mineral insulated cables are designed to meet some of the most stringent real-world derived tests around the world. Our cables are installed in some of the worlds largest and most important buildings and recognised throughout the electrical industry as the best choice for fire survival. Our mineral cable approvals include:

- British fire performance standards BS En 50200 PH120 Enhanced demands 2 hours fire resistance at 850°C
- BS 5839-1 Enhanced to BS 8434-2
- \bullet BS 6387 category C, W & Z demands that cables perform safely for 3 hours at 950°C
- AS/NZS 3013

History

Originally patented by Swiss inventor Arnold Francois Borel in 1896 and produced commercially in France in 1932. Mineral insulated cable was installed on large marine vessels such as the SS Normadie, oil tankers and also historic buildings such as the Louvre museum. In 1937 patents were secured by British companies and UK production began shortly thereafter. Mineral cable was produced extensively during the Second World War with a focus on military applications. To date, mineral insulated cable has been continuously manufactured in the UK for over 80 years.

Remora Electrical is proud to uphold that long-standing tradition by continuing to supply a 100% UK manufactured product.

PRODUCT SELECTION

What Are Cable Lugs?

Standard Lugs are manufactured from seamless copper tube to BSEN 12449: 2016. All terminals are provided with an inspection hole to ensure the conductor is fully inserted before crimping. A bell mouth also ensures a smooth transition from lug to cable, thus avoiding the problems of chafing where the component is subject to vibration.

Narrow Palm lug are generally used when terminating cables into low voltage moulded case circuit breakers where limited width terminal blocks causes problems for standard lug terminals. The compressed palm of the narrow palm lug provides an effective and efficient termination.

Long Palm Lugs also known as Post Office 2-Hole lugs are used for terminating onto bus bar systems or extended take off palms on contactors, MCBs, ACBs or where more than one stud fixing is required.

Right Angle Lugs as used when more than one cable is to be terminated into the contact block or take off palm and the cables are coming from different directions, rather than trying to form or bend a traditional lug. Professionally formed at source, meeting all the relevant standards, takes all the hassles away.

SQL

Sizing Chart

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Round Pin & Flat Blade Copper Tube Lugs are designed for terminating cables into terminal blocks. The reduced pin / blade makes these terminals ideal for terminating conductors into contact block applications.











Cable Lug Types

One of the most important reasons for using the right cable lug is to ensure that the connection is strong and secure. A property sized and installed cable lug should provide a mechanical connection that is able to withstand the electrical and mechanical forces applied to it, such as tension, compression, bending, and vibration. A weak or loose connection can cause problems such as electrical arcing, overheating, fire, and equipment failure.

Another reason for using the right cable lug is to ensure that the connection is electrically safe and compliant with relevant standards and regulations. A properly sized and installed cable lug should provide an electrical connection that is able to handle the current and voltage of the circuit, and that is resistant to electrical hazards such as short circuits, ground faults, and over-voltages. A poorly designed or installed cable lug can cause electrical accidents, such as shocks, fires, and equipment damage.

In addition to safety and reliability, using the right cable lug can also help improve the performance and efficiency of an electrical system. A property sized and installed cable lug can help reduce resistance and voltage drop, which can improve the power and energy transfer of the circuit, and can reduce losses and waste. This can help save energy, reduce costs, and extend the life of electrical equipment.

Furthermore, using the right cable lug can also help avoid costly and time-consuming problems and repairs. A poorly designed or installed cable lug can cause problems that require expensive repairs or replacements, and that can disrupt the operation and productivity of an electrical system. By using the right cable lug, businesses and individuals can save money, reduce downtime, and prevent costly and frustrating problems.

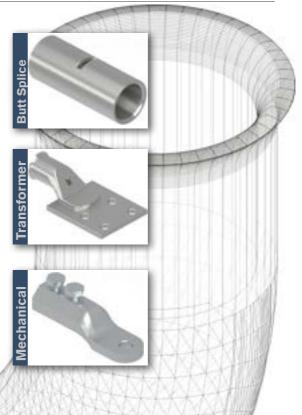
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Copper Butt Splices are designed for jointing low voltage conductors. These tube splices feature bell mouth entry at both ends to ease the insertion of the conductor and central stop to ensure correct positioning.

Transformer Lugs are manufactured in accordance with E.A specification which means a 4 hole stud fixing arrangement for the connection of cables via copper lugs. Each stud hole will be 8mm in diameter. Sizes 95mm2 to 300mm2 are brazed palm type, 400mm2 to 1000mm2 are dimensionally the same as our standard lug with the exception of the palm fixing holes.

Mechanical lugs are manufactured from HE 30 TF Aluminium alloy, they are designed to terminate Copper or Aluminium core power cables without the use of crimping tools. Mechanical lugs cover cable sector range 50 to 500mm² in just four sizes.



Conclusion

In conclusion, using the right cable lug is essential for ensuring the safety, reliability, and performance of an electrical system. A properly sized and installed cable lug can provide a strong and secure connection, can prevent electrical hazards, can improve system performance and efficiency, and can avoid costly and time-consuming problems.

Therefore, it is important to carefully select and install the right cable lug for each application and circuit, and to follow the manufacturer's instructions and relevant standards and regulations.

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Surge Protection?

Surges or Transient overvoltages are increases in voltage lasting only thousandths or millionths of a second but could reach thousands of volts measured between two or more conductors. These potentially destructive voltages can be induced into a building from various sources, from direct and or secondary effects of lightning, through the switching of large inductive or capacitive loads, or equipment faults. All of which resulting in degradation of equipment components and circuitry, shortening of equipment lifetimes and increasing failures, causing costly and unnecessary system downtime.

To ensure continuous operation of critical systems, even in the event of a direct lightning strike SPD's are an essential component and should have a low let-through voltage, as this is the value that the protected equipment will be subject to. The lower the let-through voltage the better the protection.

Common Terminology and Definitions

Maximum Continuous Operating Voltage Uc:

Is the maximum RMS voltage that may be continuously applied to the terminals of the SPD

Impulse Discharge Current (for Type 1; Test Class I); Iimp:

A current peak with a charge and a specific energy (often represented by 10/350us waveform) that a Type

1; Test Class 1 device must survive during a type test.

Maximum Discharge Current; Imax:

The maximum current (8/20us waveform) that a Type 2; Test Class II protective device will withstand.

Nominal Discharge Current (for Type 2; Test Class II); In:

This is a defined nominal peak current through the SPD with an 8/20us waveform. This is used for classification of the mains SPDs (Class II test) and also for preconditioning of SPDs in Class I and Class II tests.

Voltage Protection Level / Let Through Voltage (up):

This is the key parameter that characterises the performance of the SPD in limiting the transient overvoltage across its terminals. It is the maximum voltage that the protected equipment will see if it was positioned directly at the terminals. Up is measured at limp for Type 1 and In for Type 2 devices.



Surge Protective Device Types Explained

Type 1:

Generally, if there is a risk of direct and proximity lightning strikes to the building or to an overhead supply line to the building, a high energy Type 1 power SPD should be utilised at the service entrance to the building. They are designed to survive high stress environments. It is a requirement that they are installed where an external lightning protection system is fitted or the mains is fed from an overhead power cable. The Type 1 should be accompanied by downstream Type 2 Surge Protection Devices.

Type 2:

Generally, where buildings are located in areas that pose an unlikely risk of direct lightning strikes, such as urban areas, a Type 2 power SPD should be located at the service entrance. They are designed to be used in distribution boards downstream of a Type 1 SPD or in power supply panel / consumer unit where an external lightning protection system is not present, and the mains power is fed via an underground cable.

Type 3:

The Type 3 SPD is designed to provide the lowest level of protection to meet the voltage withstand of the equipment supplied by final distribution boards. The SPD may be of such a design that it can be positioned or connected directly to the critical equipment being protected.

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Chart

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JR C TEK

Why Use a Battery Crimping Tool?

Utilising battery-operated crimping tools offers several significant advantages over traditional hand hydraulic tools. Firstly, these tools enhance efficiency and productivity. The elimination of manual pumping and extensive physical effort allows for faster task completion, thereby reducing the time required for crimping operations. Consequently, workers can complete more tasks within a given timeframe, thereby increasing overall job site productivity.

- Accelerated operation due to automatic power
- Reduced physical strain and fatigue
- Increased number of operations completed per day



Battery-operated crimping tools provide superior convenience and portability. These tools are generally lighter and more compact compared to manual hydraulic counterparts, facilitating easier transportation and usage across various locations. They are particularly suited for tasks requiring mobility, such as working at heights, in confined spaces, or in remote areas lacking easy access to power sources. The cordless design further simplifies usage by eliminating the need to manage hoses or cables, thereby reducing potential tripping hazards.

- Lightweight and portable design
 - Ideal for remote or difficult-to-reach locations
 - No hoses or cables to manage

Battery-operated tools are often equipped with advanced features that enhance safety and precision. Many models include twostage hydraulic systems with fast feed and automatic pressure shut-off to ensure consistent, accurate crimps, minimizing errors and material waste. Additionally, some tools incorporate built-in LED lights for improved visibility in low-light conditions and ergonomic designs to reduce strain during extended use.

In conclusion, battery-operated crimping tools represent a significant advancement in tool technology, providing marked improvements in efficiency, convenience, and safety. By incorporating automatic power operation, lightweight and portable designs, and advanced safety features, these tools enhance productivity and ensure a safer, more comfortable working environment. They are a valuable investment for modern job sites, particularly in applications requiring mobility and precision.



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IP2X

Protection against entry of objects 12.5 mm in diameter or larger (fingers or similar objects). Protection against water is not specified.



IP4X. Protection against entry of objects 1 mm in diameter or larger (wires, screws, large ants). Protection against water is not specified.



IP44

Protection against entry of objects 1 mm in diameter or larger (wires, screws, large ants). Protection against splashes of water from any direction.



IP54.

Dust Protected. Dust will not enter in sufficient quantities to interfere with safety or proper operation. Protection against splashes of water from any direction.



IP66 Dust Tight. No ingress of dust. Protection against powerful water jets from any direction.



IP67

Dust Tight. No ingress of dust. Protection against immersion in water up to 1m under defined conditions.



IP68

Dust Tight. No ingress of dust. Protection against immersion in water beyond 1m under defined conditions.



IP69K

Dust Tight. No ingress of dust. Protected against close-range high pressure, high temperature spray downs.



Aluminium

LM6 Exhibits excellent resistance to corrosion under both ordinary atmospheric and marine conditions. This property can be further enhanced by anodic treatment.



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Brass Alloy of copper and zinc



Copper. Excellent conductor of electricity.



Non-Metallic.

Materials not containing any metallic elements such as plastic. Non-conductive and often more brittle than metals



304 Stainless Steel

Type 304 is a variation of the basic 18-8 grade, Type 302, with a higher chromium and lower carbon content.



316 Stainless Steel Type 316 is an austenitic chromium nickel stainless steel containing molybdenum. Increased operating temperatures, tensile strength and corrosion resistance.



Steel a hard, strong grey or bluish-grey alloy of iron with carbon and usually other elements, used as a structural and fabricating material.



High Conductivity. Conductivity defines a material's ability to conduct electricity. Electric current can flow easily through a material with high conductivity.



Lightweight. Reduced material content or build weighing less than average.



Optimum Strain Relief. Optimum strain relief, superior cable retention with excellent mechanical grip.



Mechanical Resistance. Manufactured to offer increased resistance to impact and shearing stress.



Chemical Resistance. Increased resistance from exposure to specified chemicals



Oil Resistance. Particularly resistant to exposure to oils.



Temperature Range. Capable of operating under a wide range of operating temperatures.



High Temperature Range. Designed and tested to operate at elevated operating temperatures.



Protection Against Vibration. Designed to meet the requirements of installation in high vibration environments.

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Wide Range. Designed to accommodate a large range or product group offering full comprehensive range.



Assembly Time Designed to provide significant time saving benefits



Long Thread Length. Extended male thread length resulting in a higher thread count.



Safety and Fatigue Ergonomic in design to maximize productivity by reducing operator fatigue and discomfort.



UV Stabilised

Product designed to withstand long-term UV degradation effects from ultraviolet radiation.



UL F1.

Product manufactured from material that has met both UV and water exposure or immersion requirements as called out in UL 746C.



Zero Halogen.

The halogens are a group of elements that are toxic and upon combustion can cause burning, irritation and even death. The ZH mark ensures that the product has a Zero Halogen content.



Low Smoke Zero Halogen.

In addition to containing no halogens LSZH products are made from materials that emit lower levels of smoke. Enabling personnel time to escape in the event of a fire.



Certification.

Product certified to the highest standards recognised both nationally and internationally.



SABS

Product conforms to the South African Bureau of Standards assuring buyers that products are safe, fit for purpose.



London Underground

Product conforms to and is accepted for use on London Underground applications.



ATEX Directive. The ATEX Directive logo is to show that the equipment is designed for use in flammable atmospheres.



IECEx. Product has been tested and accredited IECEx applications.



ATEX. Product has been tested and accredited ATEX applications.



UL

Product designed and manufactured in accordance with the Underwriters Laboratories North American standards.



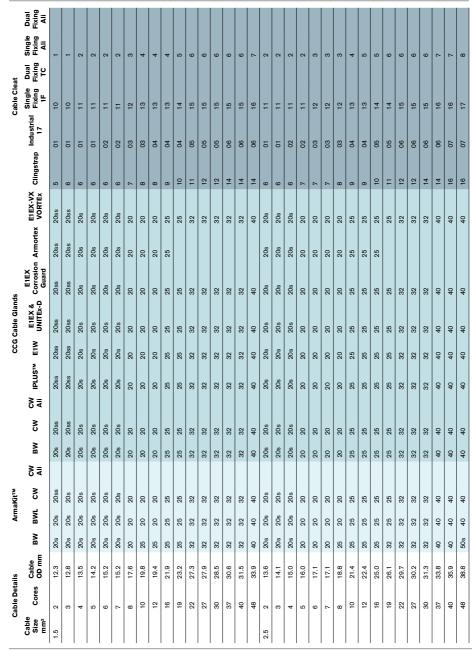
CF Products designed and manufactured in accordance with the essential requirements of the relevant European Directives.



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Len Call the Remora sales team at 01226 352 000

Challenge us - We find a solution



Appendix | SIZING CHARTS

BS5467 SWA/PVC & BS6724 SWA/LSZH CABLE IEC 60502 600/1000V

• Due to cable diameter variations between manufacturers, the sizes in this chart are for guidance only.

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SIZING CHARTS | Appendix

• For 600/100V Steel Wire Armoured PVC Sheath Cables to BS5467 & IEC60502

Appendix | SIZING CHARTS

	BS54	67	S	W	A/F	P٧	С	&	B	56	72	4 5	SM	/A/	LS	SZ	H (CA	BI	E	ΙE	С	60	50	26	600	0/1	00	00	/							
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	E1EX Corrosion Armortex Guard	20	25	25	32	32	32	25	32	32	32	40	40	32	32	32	32	20	25	32	32	20	32	32	40	25	32	40	40	25	40	40	50	32	40	50	50
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ails	Cable OD mm	20.0	21.2	22.9	26.6	28.8	28.8	24.1	26.7	28.9	31.7	34.1	38.6	27.9	29.6	32.1	33.0	17.5	25.8	28.5	32.0	20.2	29.0	32.2	37.7	22.3	33.1	37.0	41.7	24.2	36.1	40.4	47.1	27.4	39.3	45.5	51.4
Cable Details	Cores	2	3	4	5	9	7	5	e	4	2	9	7	2	3	4	5	-	2	3	4	-	2	6	4	-	5	3	4		2	e	4	-	2	e	4
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BS5467 SWA/PVC & BS6724 SWA/LSZH CABLE IEC 60502 600/1000V

• Due to cable diameter variations between manufacturers, the sizes in this chart are for guidance only.

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Sizing Chart



SIZING CHARTS Appendix

BS5467 SWA/PVC & BS6724 SWA/LSZH CABLE IEC 60502 600/1000V

	Dual Fixing Ali																				
					10			10	=		9	Ξ	12		=	12	14			9	Ξ
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	Clingstrap																				
	<u>.</u>	12	18	20		4	20			16				16				18	20		
	E1EX-VX VORTEX	32	50	50	63	32	50	63	63	40	63	63	75	40	63	75	80	50	50	63	63
	nortex																				
	on Arr	32	50s	50	63s	32	50	63s	63	40	63s	63	75	40	63s	63	75	50s	50	63s	63
st	E1EX Corrosion Armortex Guard	32	50	50	63	32	50	63	63	40	63	63	75	40	63	75	80	50	50	63	63
CCG Cable Glands	E1EX & UNITEx-D	32	50	50	63	32	50	63	63	40	63	63	75	40	63	75	80	50	50	63	63
500	E1W	32	50	50	63	32	50	83	63	40	63	63	75	40	83	75	80	50	50	83	63
	MTUS™		cu ا	LC)	9	e.	۵.	9	G	4	9	G	2	4	9	2	8	LC)	LC)	G	9
	_	32	20	20	63	32	20	83	83	4	83	83	75	40	83	75	75	50	50	83	63
	Ali	32				32				40				50s				50	50	63	63
	cw	32	20	20	63	32	20	63	83	4	83	83	75	50s	83	75	8	50	50	83	63
	BW		20	20	63		50	63	63		63	63	75		63	75	75				
	Ali	32				32				40				40				50s	50		
ArmaKit™	CW		50s	50	63s		50	63s	63		63s	63	75s		63	75s	75				
Arma	BWL		50	50	63		50	63	63		63	63	75		63	75	75				
	BW		50	50	63s		50	63s	63		63	75	75s		83	75s	75				
s	Cable OD mm	30.0	44.7 E	49.8	56.6 6	32.8	49.0	55.1 6	63.0 6	35.6	53.5 6	60.2 7	68.8 7	40.4	59.0 6	66.6 7	78.1 7	44.2	48.8	55.4	60.6
Cable Details	Cores															-					
Cable		-	2	e	4	-	7	e	4	-	2	e	4	-	7	e	4	-	-	-	-
	Cable Size mm ²	185				240				300				400				500	630	800	1000





SY BRAIDED CABLE - VDE0250 INSULATED POWER CABLE 300/500V

c	Cable Det	tails	SY	Cable GI	ands	(Cable De	tails	SY	Cable GI	ands
Cable Size mm²	Cores	Cable OD mm	ArmaKit® RXT	CX/Z	POSI- BRAID™	Cable Size mm ²	Cores	Cable OD mm	ArmaKit® RXT	CX/Z	POSI- BRAID
0.5	2	8.3	20s	20ss	20s	2.5	2	11.0	20s	20ss	20s
	3	8.6	20s	20ss	20s		3	11.4	20s	20ss	20s
	4	9.1	20s	20ss	20s		4	12.3	20	20ss	20
	5	9.7	20s	20ss	20s		5	13.2	20	20s	20
	7	10.3	20s	20ss	20s		7	14.4	25	20s	20
	12	12.4	20	20ss	20		12	18.8	25	20	25
	18	14.3	25	20s	20		18	22.0	32	25	32
	25	16.8	25	20	25		25	26.2		25	32
	34	16.6	25	20	25		34	32.8		32	40
	50	23.0	32	25	32		50	38.1		40	50
	61	24.5	32	25	32	4	2	13.8	25	20s	20
	80	27.6	40	32	40		3	14.8	25	20s	20
).75	2	9.0	20s	20ss	20s		4	15.8	25	20	25
	3	9.3	20s	20ss	20s		5	17.5	25	20	25
	4	9.8	20s	20ss	20s		7	18.8	25	20	25
	5	10.5	20s	20ss	20s	6	2	15.4	25	20s	20
	7	11.2	20s	20ss	20s		3	16.2	25	20	25
	12	13.7	25	20s	20		4	17.9	25	20	25
	18	16.2	25	20	25		5	19.4	32	20	25
	25	19.1	25	20	25		7	21.4	32	25	32
	34	21.2	32	25	32	10	2	18.9	25	20	25
	50	25.3	32	25	32		3	20.1	32	20	25
	61	26.8		25	40		4	21.9	32	25	32
	80	30.3		32	40		5	24.3	32	25	32
1.0	2	9.3	20s	20ss	20s		7	26.5		25	32
	3	9.5	20s	20ss	20s	16	3	23.8	32	25	32
	4	10.1	20s	20ss	20s		4	25.5	32	25	32
	5	10.8	20s	20ss	20s		5	28.6		32	40
	7	11.5	20	20ss	20		7	26.8		32	40
	12	14.3	25	20s	20	25	3	25.5	32	25	32
	18	16.7	25	20	25		4	27.2		32	40
	25	19.7	32	20	25		5	31.3		32	40
	34	23.1	32	25	32	35	4	35.5		40	50
	50	27.1		32	40	50	4	42.0		40	50
1.5	2	9.8	20s	20ss	20s	70	4	44.9		50	63
	3	10.1	203 20s	2033 20ss	203 20s	95	4	50.0		50	63
	4	10.8	203 20s	2033 20ss	203 20s	120	4	55.9		63	63
	5	11.6	205	2055 2055	205	120		55.5		50	00
	7	11.6	20	20ss 20ss	20						100
	12	12.4	20	20ss	20	- 10			, 🏨 -	_	
	12	15.9	25	20s	25		1				
			32	20	32			15.41	200	-	- E
	25	21.9							100		. 53
	34	25.7	32	25	32	of the owner, where the		2	1000	Come in	

ArmaKit® RXT

CX/Z

POSIBRAID

• Due to cable diameter variations between manufacturers, the sizes in this chart are for guidance only.

Imad Size PG7 PG3	Thread	Thread Reference	16	20	25	32	40	50	63	75	Thread Reference	PG7	PG9	PG11	PG13.5	PG16	PG21	PG29	PG36	PG42	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Thread	d Size	M16	M20	M25	M32	M40	M50	M63	M75	Thread Size	PG7	PG9	PG11	PG13.5	PG16	PG21	PG29	PG36	PG42	
$ \begin{array}{ $	Thread	d Pitch	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	Thread Pitch	1.27	1.41	1.41	1.41	1.41	1.59	1.59	1.59	1.59	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Thread	d Per Inch	16.93	16.93	16.93	16.93	16.93	16.93	16.93	16.93	Thread Per Inch	20	18	18	18	18	16	16	16	16	
163 263 263 653 753 </th <th>Major Max</th> <th>Diameter</th> <th>15.97</th> <th>19.97</th> <th>24.97</th> <th>31.97</th> <th>39.97</th> <th>49.97</th> <th>62.97</th> <th>74.97</th> <th>Major Diameter Max</th> <th>12.5</th> <th>15.2</th> <th>18.6</th> <th>20.4</th> <th>22.5</th> <th>28.3</th> <th>37</th> <th>47</th> <th>54</th> <th></th>	Major Max	Diameter	15.97	19.97	24.97	31.97	39.97	49.97	62.97	74.97	Major Diameter Max	12.5	15.2	18.6	20.4	22.5	28.3	37	47	54	
INFERIAL ENVIRONMENTIAL IPERTAREAD ANALYMENTIAL IPERTAREAD ANALYMENTIAL IPERTAREAD ANALYMENTIAL IPERTAREAD ANALYMENTIAL IPERTAREAD ANALYMENTIAL IPERTAREAD ANALYMENTIAL IPERTAREAD IPERTAREAD <	Cleara	ince Hole	16.5	20.5	25.5	32.5	40.5	50.5	63.5	75.5	Clearance Hole	13	15.7	19.1	20.9	33	28.8	37.5	47.5	54.5	
60 70 100 125 100 126 100 126 100 126 100 126 100 126 100 126 100 126 100 101 111	N.P.T.N	ATIONAL PI	PE THRE	AD to A	NSI/ASN	AE:1983					IMPERIAL (ET) to B	S31:194((1979)								
	Thread	d Reference	50	75	100	125	150	200	250	300	Thread Reference	37.5	20	75	100	125	150	200	250	300	400
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Thread	d Size	1/2"	3/4"	-	1 1/4"	1 1/2"	2"	2 1/2"	۳.	Thread Size	3/8"	1/2"	3/4"	.	1 1/4"	1 1/2"	2"	2 1/2"	ē.	4
	Thread	d Pitch	1.81	1.81	2.2	2.2	2.2	2.2	3.18	3.18	Thread Pitch	1.34	1.81	1.81	2.31	2.31	2.31	2.31	2.31	2.31	2.31
	Thread	d Per Inch	14	14	11.5	11.5	11.5	11.5	8	8	Thread Per Inch	19	4	4	÷	÷	÷	÷	÷	÷	=
	Major Max	Diameter	21.34	26.67	33.4	42.16	48.26	60.33	73.03	88.9	Major Diameter Max	16.66	20.96	26.44	33.25	41.91	47.8	59.61	75.18	87.88	113.03
IBRITISH FIXINDARD PIPE to BS21:1395 B.S.P.T (Taper) BRTTISH FIXINDARD PIPE to BS21:1395 ce 50 75 100 125 150 200 200 200 200 200 200 200 200 200 200 200 200 200 200	Cleara	ince Hole	22	28	35	43	49	61	74	06	Clearance Hole	17.16		26.94	33.75	42.41	48.3	60.11	75	0.68	88.38
1/2 3/4 1 1/4 1/2 2 2 2 2 1/2 3/4 1 1/4 1/2 2 2 2 2 1/2 3/4 1 1/1 1/2 2 2 2 2 1/2 3/4 1/1 1/2 2 2 1/2 1/2 2 2 1/2 1/2 2 2 1/2 1/1 </th <th>Thread</th> <th>1 Reference</th> <th>202</th> <th>75</th> <th>001</th> <th>105</th> <th>150</th> <th>000</th> <th>250</th> <th>300</th> <th>Thread Reference</th> <th>02</th> <th>75</th> <th>100</th> <th>105</th> <th>150</th> <th>000</th> <th>250</th> <th>300</th> <th></th> <th></th>	Thread	1 Reference	202	75	001	105	150	000	250	300	Thread Reference	02	75	100	105	150	000	250	300		
1/2' 3/4' 1' 1/4' 1/12' 2' 2/12' 3/4' 1' 1/14' 1/12' 2' 2/12' 1/81 1/81 1/81 1/81 2/31 2	Threat	d Reference	20	75	100	125	150	200	250	300	Thread Reference	20	75	90	125	150	50	250	300		
181 181 231 <th>Thread</th> <th>d Size</th> <td>1/2"</td> <td>3/4"</td> <td></td> <td>11/4"</td> <td>1 1/2"</td> <td>2"</td> <td>2 1/2"</td> <td>a"</td> <td>Thread Size</td> <td>1/2"</td> <td>3/4"</td> <td></td> <td>1 1/4"</td> <td>1 1/2"</td> <td>2"</td> <td>2 1/2"</td> <td>m</td> <td></td> <td></td>	Thread	d Size	1/2"	3/4"		11/4"	1 1/2"	2"	2 1/2"	a"	Thread Size	1/2"	3/4"		1 1/4"	1 1/2"	2"	2 1/2"	m		
14 11<	Thread	d Pitch	1.81	1.81	2.31	2.31	2.31	2.31	2.31	2.31	Thread Pitch	1.81	1.81	2.31	2.31	2.31	2.31	2.31	2.31		
2036 26.44 33.25 41.91 47.8 50.61 75.18 77.18 77.18 77.18 77.18 50.61 75.18 77.18 50.61 75.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.18 50.61 76.11 76.18 50.61 7	Thread	d Per Inch	14	14	÷	=	1	=	Ħ	Ħ	Thread Per Inch	4	14	ŧ	1	11	1	1	11		
31.40 26.94 33.72 47.41 49.3 60.11 76 11.1/2 4/0 M100 14.0 00.11 76 96.94 30.75 47.1 49.3 60.11 76 96.94 30.75 14.0 93.75 14.0 93.75 14.0 93.74 90.11 76 97.1 93.75 17.1 93.74 90.11 76 97.1	Major Max	Diameter	20.96	26.44	33.25	41.91	47.8	59.61	75.18	87.88	Major Diameter Max	20.96	26.44	33.25	41.91	47.8	59.61	75.18	87.88		
11/2. 4'0. W100 3'0. 3'2. W100 13'1. 4'0. W100 13'1. 5'1. W100 11/1. 5'1. M100 11/2. 5'1. M100 11/2. 5'1. M20 3'4. 5'1. M20 11/2. 5'1. M20 3'4. 5'1. M20 1/3. 1'1. M20 1/3. 1'1. M20 3/4. 1'1. M20 1/3. 1'1. M20	Cleara	Ince Hole	21.46	26.94	33.75	42.41	48.3	60.11	75	0.68	Clearance Hole	21.46	26.94	33.75	42.41	48.3	60.11	75	0.68		
11/5. 4'0. W100 30. 32. W100 137. 50. W100 137. 60.3 W100 137. 11/1, 1/1, 1/1, 1/1, 1/1, 1/1, 1/1, 1/1								-	_			-							l		
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NP1 3.0° 3.1/2° 4.0° 3.1/2° 3.0° 1.1/2° 3.0° 1.1/2° 3.0° 3.1/2° 3.0° 1.1/2° 3.0° 1.1/2° 3.0° 1.1/2° 1.1/2° 1.1/2° 3.0° 1.1/2° 1.1/2° 1.1/2° 1.1/2° 1.1/2° 1.1/2° 1.1/2° 1.1/2°	SIAAAMO		P.G				PG11 PG13.5		PG29	PG36							1	-	Grip		-
NPT BSPP & BSPT 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2"	SEAD CC	E	nperial									3.0"		3.5"	"U V	0'h		The lot of	200	No.	
	інт	NPT, B:	SPP & BS	ът			1\5"		"0.1	1 1/5" 1 1/4"	u⊅/8 I	.21/2	°2\4"	3.0"	"2\1 8		£		1005		

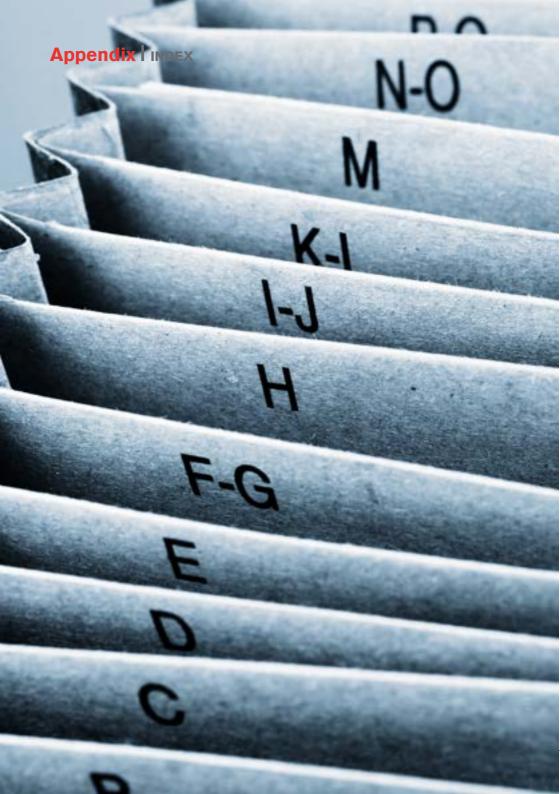
THREAD SPECIFICATION | Appendix

THREAD SPECIFICATION

TOS

Product Guide

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