

MICC Cable

The Only True Fire Survival Cable

Mineral Insulated Copper Cable (MICC), also known 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.



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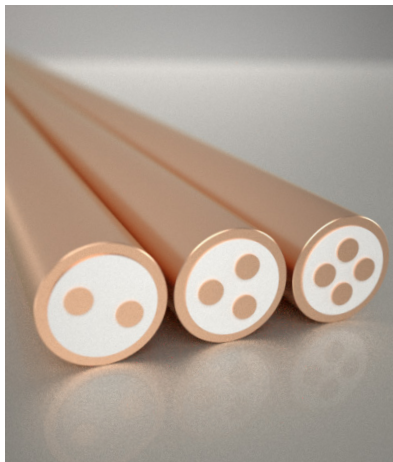
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MICC Cables

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.



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 (MgO)

Sheath: Copper (Cu-DHP)

Sheath (optional): Coloured LSZH polymer

Colour: Bare Copper, Black, Orange, Red, White



Cable Size Reference	Conductors		Cables Exposed to Touch (ratings)				Earth Fault Loop Impedance @70°C (R1-R2) Ohms / Km	Maximum Conductor Resistance 02/Km @20°C	Cable Dia (mm)		Approx Weight per 1km (kg)		Gland Size		One Hole Clips		Two-Way Saddles		
			Bare	Covered	AMP/m mV	Sheath Cross Section Area (mm²)			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
	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
	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
	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..



MICC | HEAVY DUTY MICC CABLE

MINERAL INSULATED COPPER CABLE - TWISTED & HEAVY DUTY

MICC Twisted Conductor Cable

Our Twisted Conductor Cables are designed for use where enhanced fire survival is required such as fire alarm and detection systems. Other applications include fire telephone systems, CCTV and public address systems. Our Twisted Conductor Cables have reduced electromagnetic interference and signal corruption, reducing system malfunction and improved electrostatic screening.

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

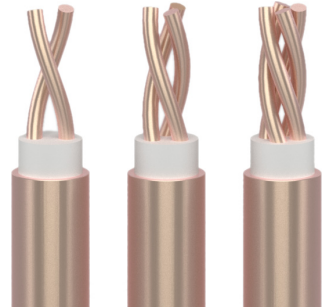
Conductors: Plain Annealed Copper (Cu-ETP-2)

Insulation: Compressed Magnesium Oxide (MgO)

Sheath: Copper (Cu-DHP)

Sheath (optional): Coloured LSZH polymer

Colour: Bare Copper, Black, Orange, Red, White



Cable Size Reference	Conductors	Conductor Resistance (Ohms/Km)	Max Sheath Resistance @20C (Ohm/Km)	CAP/C @10kHz	CAP/C/SH @10kHz	IND-LOOP @10kHz	Character IMP	Diameter Over Sheath	Diameter Over LSZH	Conductor Area	Frequency of Twist (per meter)
MICC2T1.5	2	12.1	3.35	164	243	436	52	5.7	7.2	1.5	20
MICC2T2.5	2	7.4	2.53	170	270	410	49	6.6	8.1	2.5	20
MICC3T1.5	3	12.1	2.67	160	260	450	50	6.4	7.9	1.5	20
MICC4T1.5	4	12.1	2.33	180-216	290	520	48	7.0	8.5	1.5	20

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 (MgO)

Sheath: Copper (Cu-DHP)

Sheath (optional): Coloured LSZH polymer

Colour: Bare Copper, Black, Orange, Red, White



All dimensions in mm except where stated

MINERAL INSULATED COPPER CABLE - HEAVY DUTY

MICC Fire Survival Cable (Heavy Duty 750v)

Cable Size Reference	Conductors		Cables Exposed to Touch (ratings)		AMP/m mV	Sheath Cross Section Area (mm²)	Earth Fault Loop Impedance @70°C (R1+R2) Ohms / Km	Maximum Conductor Resistance 0.02/Km @20°C	Cable Dia (mm)		Approx Weight per 1km (kg)		Gland Size		One Hole Clips		Two-Way Saddles		Ident & Wiring Term
	no.	mm²	Bare	Covered					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	Copper Lugs
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	Heatshrink Repair
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	Cable Joining
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	Junction Boxes
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	Flexible Conduit
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	Cable Glands
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	Gland Accs.
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	883	0.31	84.6	0.28	0.077	26	28.8	3791	3972	n/a	n/a	101				Cable Cleats
1H400	1	400	948	1053	0.28	106	0.22	0.044	30	32.8	5004	5211	n/a	n/a	n/a				
2H1.5	2	1.5	22.5	25.0	28.0	11	16.90	12.1	7.9	9.6	247	284	20	20	30	37	342	382	Earthing Lightning
2H2.5	2	2.5	31.0	34.0	17.0	13	10.90	7.41	8.7	10.4	280	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	25	37	43	422	462	MICC Cable
2H6	2	6.0	51.0	57.0	7.0	18	5.073	3.08	10.9	12.6	463	510	20	25	43	47	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	Cable Ties & Acc
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	Cable Prep
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	Fixing & Security
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	MICC Cable
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	Cable Ties & Acc
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	Cable Prep
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	502	
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	Fixing & Security
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	MICC Cable
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	Cable Prep
7H1.5	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	7	2.5	17.0	19.0	17	22	10.10	7.41	17.0	19.0	563	616	25	25	47	54	502	542	Fixing & Security
12H1.5	12	1.5	14.1	15.8	28	29	15.52	12.1	14.1	15.8	710	770	32	-	54	59	592	632	
12H2.5	12	2.5	15.6	17.9	17	34	9.70	7.41	15.6	17.9	910	1001	32	-	59	71	632	752	MICC Cable
19H1.5	19	1.5	16.6	18.9	28	37	15.31	12.1	16.6	18.9	989	1086	40	-	63	71	702	752	

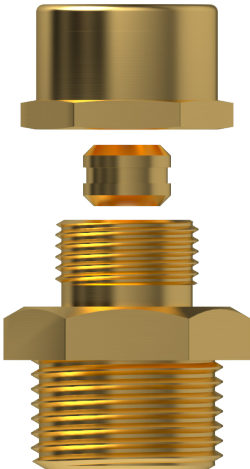
Ident & Wiring Term
Copper Lugs
Heatshrink Repair
Cable Joining
Boxes Junction
Flexible Conduit
Cable Glands
Accs. Gland
Cable Cleats
Earthing Lighting
MICC Cable
Cable Ties & Acc
Tooling & Cable Prep
Fixing & Security

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.

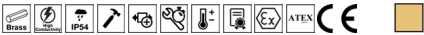
Hazardous: Atex Zones 1 & 2 EExd

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 Protection	Zone	App. Grouping	Gland Ref.	Seal Ref.
Flame-proof	Exd	1 2	IIA IIB IIC	RGM RPS RPSL

LIGHT & HEAVY DUTY RGM CABLE GLANDS | 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.

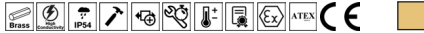
Hazardous: Atex Zones 1 & 2 EExd

Markings: II 2G 1D, Ex db IIC Gb and Ex Ta IIIC Da WMC

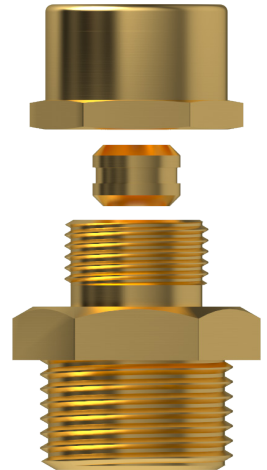
Protection: IP54

Temperature Range: -20°C to 450°C

Material: Brass BS 2874



Code	Entry Thread Size	Length	Cap Diameter	Pack 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



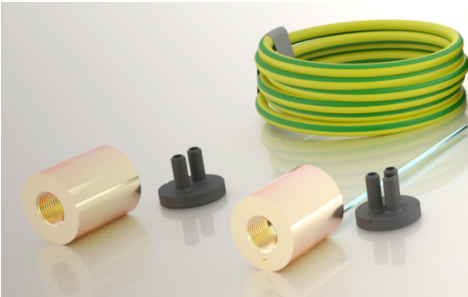
Call the Remora sales team at **01226 352 000**

Challenge us - We find a solution

MICC RPS TERMINATION SEALS

MICC Seals

Standard MICC Pots and 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



Light Duty Cables

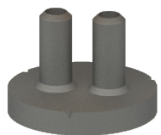
Code	Cable Size	Gland Size
RPS2L1.0	MICC2L1.0	M20
RPS2L1.5	MICC2L1.5	M20
RPS2L2.5	MICC2L2.5	M20
RPS2L4.0	MICC2L1.4	M20
RPS3L1.0	MICC3L1.0	M20
RPS3L1.5	MICC3L1.5	M20
RPS3L2.5	MICC3L2.5	M20
RPS4L1.0	MICC4L1.0	M20
RPS4L1.5	MICC4L1.5	M20
RPS4L2.5	MICC4L2.5	M20
RPS7L1.0	MICC7L1.0	M25
RPS7L1.5	MICC7L1.5	M25
RPS7L2.5	MICC7L2.5	M25

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.

PVC Sleeving

10x Stub Caps

RMX Compound

10x RPS Pots





Temperature Range: -20°C to 105°C



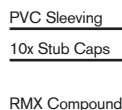
Code	Cable Size	Gland Size
RPSSL2L1.0	MICC2L1.0	M20
RPSSL2L1.5	MICC2L1.5	M20
RPSSL2L2.5	MICC2L2.5	M20
RPSSL2L4.0	MICC2L4.0	M20
RPSSL3L1.0	MICC3L1.0	M20
RPSSL3L1.5	MICC3L1.5	M20
RPSSL3L2.5	MICC3L2.5	M20
RPSSL4L1.0	MICC4L1.0	M20
RPSSL4L1.5	MICC4L1.5	M20
RPSSL4L2.5	MICC4L2.5	M20
RPSSL7L1.0	MICC7L1.0	M25
RPSSL7L1.5	MICC7L1.5	M25
RPSSL7L2.5	MICC7L2.5	M25

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	MICC4H16	M40
RPSL4H25-M40	MICC4H25	M40

Code	Cable Size	Gland Size
RP5L1H2.5	MICC1H2.5	M20
RP5L1H4	MICC1H4	M20
RP5L1H6	MICC1H6	M20
RP5L1H10-M25	MICC1H10	M25
RP5L1H16-M25	MICC1H16	M25
RP5L1H25-M32	MICC1H25	M32
RP5L1H35-M32	MICC1H35	M32
RP5L1H50-M40	MICC1H50	M40



The RPSL pack consists of brass pots with 150mm Earth Tail, stub caps, RMX sealing compound, Black PVC sleeving and Green/Yellow PVC Sleeving.

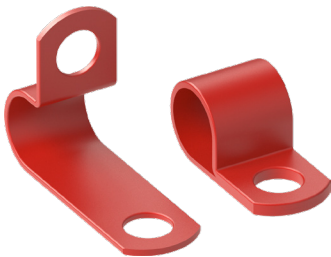
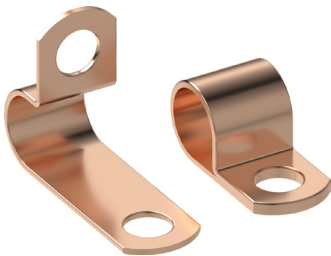
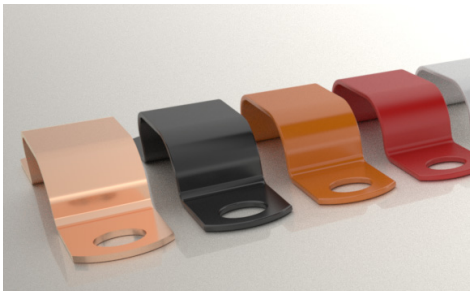


10x RPSL Pots + 150mm Earth Tail

FIRE SURVIVAL CABLE CLIPS

MICC Clips

MICC Clips and Saddles



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



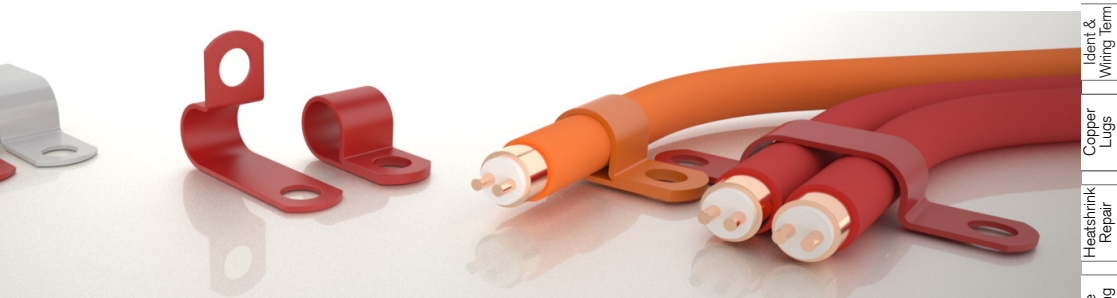
LSZH Coated Code	Bare Code	Cable Diameter Range		AP Clip Size	Pack QTY
		Min	Max		
	RC20	5.0	5.4		50
	RC22	5.5	5.9		50
	RC24	6.0	6.4		50
RCHL26-*	RC26	6.5	6.9		50
RCHL28-*	RC28	7.0	7.4	6	50
RCHL30-*	RC30	7.5	7.9	7	50
RCHL32-*	RC32	8.0	8.4	7	50
RCHL34-*	RC34	8.5	9.0	8	50
RCHL37-*	RC37	9.1	10.0	9	50
RCHL40-*	RC40	10.1	10.7	10	50
RCHL43-*	RC43	10.8	11.7	11	50
RCHL47-*	RC47	11.8	12.7	12	50
RCHL51-*	RC51	12.8	14.0	13	50
RCHL54-*	RC54	14.1	14.9	14	50
RCHL59-*	RC59	15.0	15.8	15	50
RCHL63-*	RC63	15.9	16.8	16	50
RCHL67-*	RC67	16.9	17.8		50
RCHL71-*	RC71	17.9	18.9		50
RCHL75-*	RC75	19.0	20.4		50
RCHL79-*	RC79	20.5	21.5		50
RCHL88-*	RC88	22.4	23.4		50

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'



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 7:1997

Temperature Range: Max 200°C

Saddle Material: Copper BS 1432 C101

Coating: Valspar Polyester LSZH Powder Coated

Colours: Black, Orange, Red, White, Copper



LSZH Coated		Bare		Cable Diameter Range		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

RSFL302 - R

Code prefix Colour

B = Black
O = Orange
R = Red
W = White

Call the Remora sales team at 01226 352 000

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MICC TERMINATION ACCESSORIES

Ident & Wing Term
Copper Lugs
Heatshrink Repair
Cable Joining
Junction Boxes
Flexible Conduit
Cable Glands
Gland Accts.
Cable Cleats
Earthing & Lightning
MICC Cable
Cable Ties & Acc
Tooling & Cable Prep
Fixing & Security



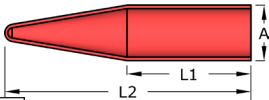
PVC Mineral Gland Shrouds (MICC Glands)

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



Standard Code	Low Smoke PVC Code	Reference Size	ID (A)	Parallel Length (L1)	Overall 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)

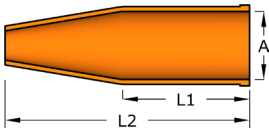
LSZH Silicone Shrouds are Low Smoke Zero Halogen shrouds which can be used to cover the cable glands giving a neat and safe professional finish. Designed to suit MICC Cable Glands. Injection moulded from LSZH Silicone material.

Protection: Halogen Free

Temperature Range: -60°C to 250°C

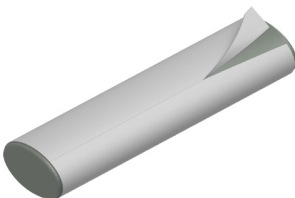
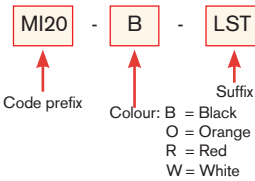
Material: LSZH Silicone

Colour: Black, Orange, Red, White



Code	Reference Size	ID (A)	Parallel Length (L1)	Overall 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

How To Order



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



Code	Description
RMX1	RMX Compound - 6 sticks totalling 80g
1 pack per 15 glands	

MICC TERMINATION ACCESSORIES

RZP Stub Sleeving

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



Code	Size mm ²	Pack QTY
RZP1.5 *	1.5	3m Hank
RZP 2.5 *	2.5	3m Hank
RZP 4.0 *	4.0	3m Hank
RZP 6.0 *	6.0	3m Hank
RZP 10.0 *	10.0	3m Hank
RZP 16.0 *	16.0	3m Hank



How To Order

RZP - 2.5 - GY

Code prefix Size Colour

B = Black
BL = Blue
R = Red
Br = Brown
GY = Green/Yellow

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



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.

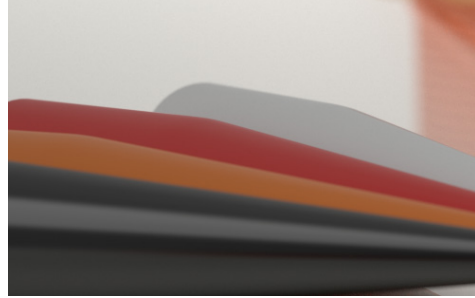


Call the Remora sales team at **01226 352 000**

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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
ZSUB	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



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





ZRP Wrench

The ZRP Wrench is a quick and easy tool for screwing on brass seal pots.

**20mm pots only.*

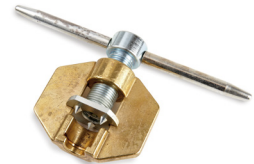
Code	Description
ZRP	M20 pot wrench



ZDC Crimper

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



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

