

REMORA ELECTRICAL LIMITED



GripLoc[®]

NYLON CABLE GLANDS



WHAT'S NEW IN... NYLON CABLE GLANDS

INTERNATIONAL STANDARDS

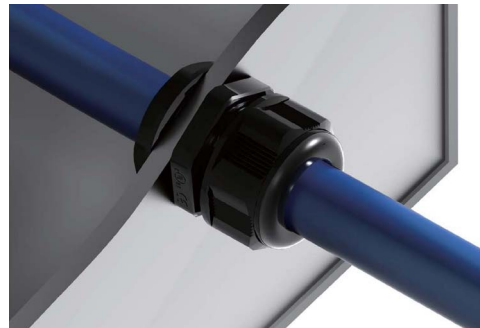
Cable Glands

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.



GripLoc Glands®

Quality, Safety, Convenience.

Introducing the new range of nylon cable glands from Remora.

Material: PA6 (Nylon) UL94
 Hermetic Seal: NBR
 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



By Remora Electrical

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

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.



A significant volume of industrial electrical installations in the construction industry require a high degree of ingress protection. The IP68 rating has become the de facto standard when integrity of the installed apparatus against environmental ingress must be guaranteed. GripLoc Glands® are rated to IP68 at a pressure of 10 bar (150 PSI).



The new IP69K rating provides protection against ingress of liquids and dust at high temperatures and pressures - making products with this certification ideal for use in conditions where equipment must be carefully sanitised. GripLoc Glands® are currently pending IP69K certification, to be issued shortly.



UL 746C is one of the most stringent tests of a material's ability to withstand exposure to ultraviolet light. Specimens are tested before and after exposure for flammability, mechanical impact and mechanical strength. GripLoc Glands® are rated to F1 in black, ensuring that they meet both UV and immersion requirements.



GripLoc Glands® are designed and tested to maintain ingress protection standards across a wide range of operating temperatures, with instantaneous heat resistance up to 120°C.
 Static: -40°C to 100°C (120°C Instantaneous)
 Dynamic: -20°C to 80°C (100°C Instantaneous)



Chemical Resistance. GripLoc Glands® are manufactured from tough PA6 Nylon and offer excellent resistance to a wide variety of chemicals. GripLoc Glands® are also resistant to a wide variety of oils including; Hydraulic, Mineral, Synthetic and Vegetable oils.



Low Smoke and Fume. The formulation of the PA6 Nylon that GripLoc Glands® are manufactured from greatly reduce health dangers posed to the public by inhalation of toxic fume emissions. In the event of a fire the highest degree of protection in terms of reduced levels of noxious fumes and toxic emissions generated is ensured.



Optimum Strain Relief. The unique design of the GripLoc Seal® provides superior cable retention with excellent levels of mechanical grip and optimum strain relief.



Wide Range. GripLoc Glands® are designed to encompass all typical cable sizes ranging from 2.0mm up to 44.0mm



Protection Against Vibration. The Vibration-Lock system incorporated into GripLoc Glands® is designed to meet the requirements of installation in high-vibration environments.



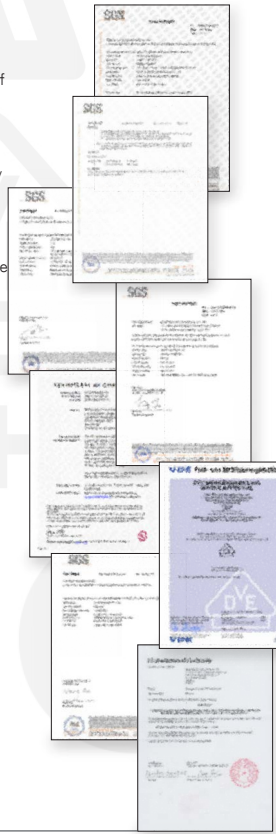
Assembly Time. GripLoc Glands® are supplied with the cap and o-ring pre-assembled providing significant time saving benefits.



Safety and Fatigue Reducing Features. A special textured surface finish and friction splines greatly improve the force that can be applied by hand to GripLoc Glands®. Reducing fatigue and the potential for injury.



Certification. GripLoc Glands® are certified to the highest international standards.



WHAT'S NEW IN... NYLON CABLE GLANDS

Atmospheric Membrane

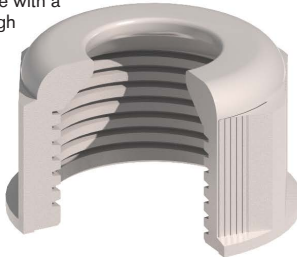


- The GripLoc Seal® incorporates a thin removable membrane. This allows an enclosure fitted with GripLoc® glands to be isolated from the environment during assembly or preparation of the cable, eliminating the need for temporary plugs. This is a significant advantage to panel builders and enclosure manufacturers as it allows pre-fitment and sealing at the manufacture stage. No more need for stopping plugs and one less part to go missing in-transit or on-site.
- When final installation of the cable is required the membrane can be removed by simply applying pressure with a finger or by pushing the cable through the gland.

Friction Splines



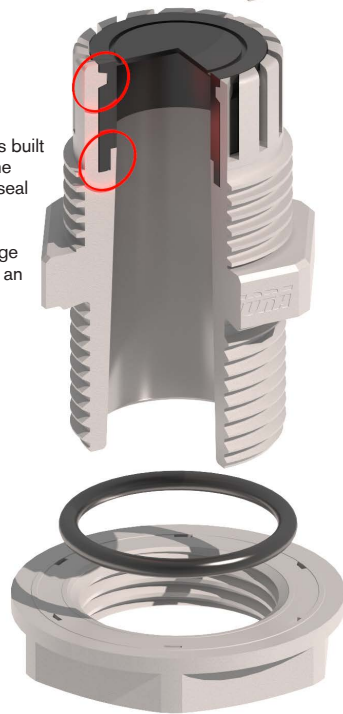
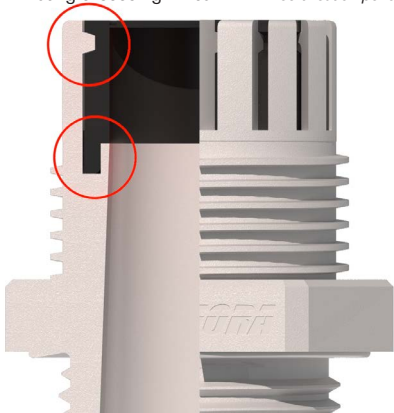
- Glossy plastic has a low frictional coefficient. Glands with a gloss finish can be difficult to tighten fully, especially when wet or installing in hard to reach places.
- The inclusion of Friction Splines and a textured finish on the cap greatly improves the force that can be applied by hand, reducing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



GripLoc Seal®

Superior; Ingress Protection, Mechanical Grip and Cable Retention.

- The new 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. *IP69K certification pending.



FEATURES AND BENEFITS

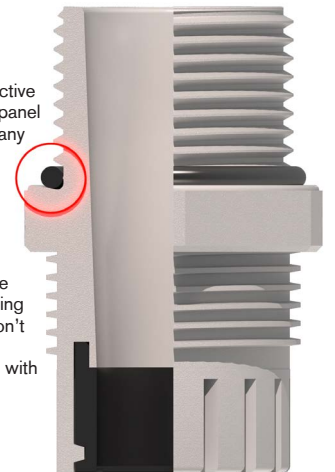
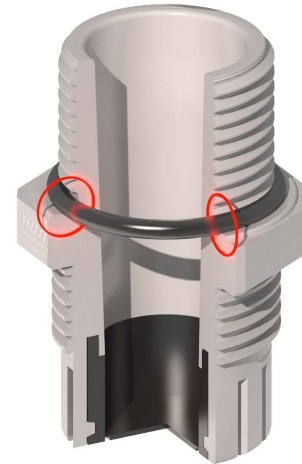
Anti-Slip

- 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.



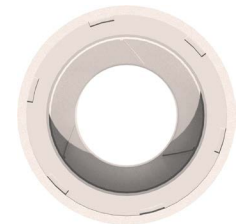
Ridge-and-Groove

- 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.

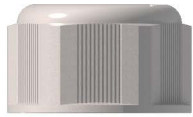


Vibration-Lock

- 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.



WHAT'S NEW IN... NYLON CABLE GLANDS



• Cap



• GripLoc Seal®



• Body



• Nitrile O-Ring



• Locknut

GripLoc Glands® Metric

- Standard 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: IP69K / IP68 10 bar (150 PSI)

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

Material (Gland): PA (Nylon) UL 94

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



Code	Cable Range		Entry Thread		Box	Carton
	Min	Max	Size	Length	Quantity	Quantity
GripLoc-M12	2.0	5.0	M12 x 1.5	8.0	100	1,200
GripLoc-M16	4.0	8.0	M16 x 1.5	8.0	100	1,200
GripLoc-M20s	5.0	9.0	M20 x 1.5	9.0	50	600
GripLoc-M20	6.0	12.0	M20 x 1.5	9.0	50	600
GripLoc-M20L	10.0	14.0	M20 x 1.5	9.0	50	600
GripLoc-M25	13.0	18.0	M25 x 1.5	11.0	20	240
GripLoc-M32	18.0	25.0	M32 x 1.5	11.0	25	300
GripLoc-M40	22.0	32.0	M40 x 1.5	13.0	10	120
GripLoc-M50	32.0	38.0	M50 x 1.5	13.0	10	120
GripLoc-M63	37.0	44.0	M63 x 1.5	14.0	10	80

GripLoc Glands® Metric - Long Thread

- Long Thread 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: IP69K / IP68 10 bar (150 PSI)

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

Material (Gland): PA (Nylon) UL 94

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



Code	Cable Range		Entry Thread		Box	Carton
	Min	Max	Size	Length	Quantity	Quantity
GripLoc-LT-M12	2.0	5.0	M12 x 1.5	15.0	100	1,200
GripLoc-LT-M16	4.0	8.0	M16 x 1.5	15.0	100	1,200
GripLoc-LT-M20s	5.0	9.0	M20 x 1.5	15.0	50	600
GripLoc-LT-M20	6.0	12.0	M20 x 1.5	15.0	50	600
GripLoc-LT-M20L	10.0	14.0	M20 x 1.5	15.0	50	600
GripLoc-LT-M25	13.0	18.0	M25 x 1.5	15.0	20	240
GripLoc-LT-M32	18.0	25.0	M32 x 1.5	15.0	25	300
GripLoc-LT-M40	22.0	32.0	M40 x 1.5	18.0	10	120
GripLoc-LT-M50	32.0	38.0	M50 x 1.5	18.0	10	120
GripLoc-LT-M63	37.0	44.0	M63 x 1.5	18.0	10	80

METRIC AND PG RANGE

GripLoc Glands® PG

- Long thread PG 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.

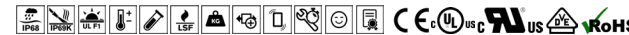
Standards: EN 50262

Protection: IP69K / IP68 10 bar (150 PSI)

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

Material (Gland): PA (Nylon) UL 94

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



Code	Cable Range		Entry Thread		Box	Carton
	Min	Max	Size	Length	Quantity	Quantity
GripLoc-PG7	3.0	6.5	PG7 x 1.27	15.0	100	1,200
GripLoc-PG9	4.0	8.0	PG9 x 1.41	15.0	100	1,200
GripLoc-PG11	5.0	10.0	PG11 x 1.41	15.0	50	600
GripLoc-PG13.5	6.0	12.0	PG13.5 x 1.41	15.0	50	600
GripLoc-PG16	10.0	14.0	PG16 x 1.41	15.0	50	600
GripLoc-PG21	13.0	18.0	PG21 x 1.59	15.0	20	240
GripLoc-PG29	18.0	25.0	PG29 x 1.59	15.0	25	300
GripLoc-PG36	22.0	32.0	PG36 x 1.59	18.0	10	120
GripLoc-PG42	32.0	38.0	PG42 x 1.59	18.0	10	120
GripLoc-PG48	37.0	44.0	PG48 x 1.59	18.0	10	80



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 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.



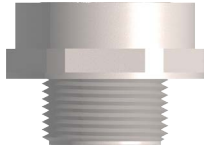
GripLoc - LT - M20 - B

GripLoc prefix Long Thread Gland Size Colour: B = Black
 G = Grey
 R = Red
 W = White



WHAT'S NEW IN... NYLON ADAPTORS AND REDUCERS

METRIC AND PG RANGE



Metric-Metric Nylon Adaptors

Remora Metric-Metric Nylon Adaptors enable the use of larger cable glands with smaller pre-existing threaded holes in machines, devices and housings.

Protection: IP56

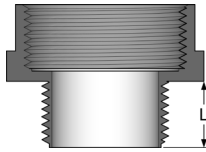
IP66 (if fitted with sealing washer)

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

Material: PA6 (Nylon)



Code	Male Thread	Female Thread	Male Thread Length (L)
AM12M16N	M12	M16	9.0
AM16M20N	M16	M20	9.0
AM20M25N	M20	M25	9.0
AM25M32N	M25	M32	10.0
AM32M40N	M32	M40	12.0
AM40M50N	M40	M50	12.0
AM50M63N	M50	M63	14.0



Metric-Metric Nylon Reducers

Remora Metric-Metric Nylon Reducers enable the use of smaller cable glands with larger 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)



Code	Male Thread	Female Thread	Male Thread Length (L)
RM16M12N	M16	M12	9.0
RM20M12N	M20	M12	9.0
RM20M16N	M20	M16	9.0
RM25M16N	M25	M16	10.0
RM25M20N	M25	M20	10.0
RM32M20N	M32	M20	12.0
RM32M25N	M32	M25	12.0
RM40M20N	M40	M20	12.0
RM40M25N	M40	M25	12.0
RM40M32N	M40	M32	12.0
RM50M20N	M50	M20	14.0
RM50M25N	M50	M25	14.0
RM50M32N	M50	M32	14.0
RM50M40N	M50	M40	14.0
RM63M32N	M63	M32	15.0
RM63M40N	M63	M40	15.0
RM63M50N	M63	M50	15.0

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

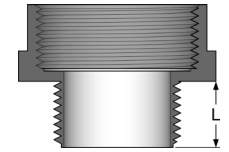
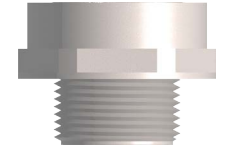
IP66 (if fitted with sealing washer)

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

Material: PA6 (Nylon)



Code	Male Thread	Female Thread	Male Thread Length (L)
APG7M16N	PG7	M16	9.0
APG9M16N	PG9	M16	9.0
APG9M20N	PG9	M20	9.0
APG11M16N	PG11	M16	9.0
APG11M20N	PG11	M20	9.0
APG13M20N	PG13.5	M20	10.0
APG13M25N	PG13.5	M25	10.0
APG16M25N	PG16	M25	10.0
APG21M32N	PG21	M32	12.0
APG29M40N	PG29	M40	12.0
APG36M50N	PG36	M50	14.0
APG42M63N	PG42	M63	14.0



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

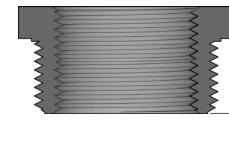
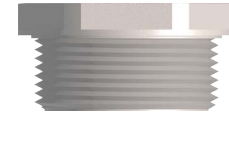
IP66 (if fitted with sealing washer)

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

Material: PA6 (Nylon)



Code	Male Thread	Female Thread	Male Thread Length (L)
RPG16M20N	PG16	M20	10.0
RPG21M25N	PG21	M25	12.0
RPG29M32N	PG29	M32	12.0
RPG36M40N	PG36	M40	14.0
RPG42M40N	PG42	M40	14.0
RPG42M50N	PG42	M50	14.0
RPG48M50N	PG48	M50	15.0



WHAT'S NEW IN... STOPPING PLUGS

DOMES AND HEX STOPPING PLUGS

Metric Dome Head Stopping Plugs

Remora industrial dome head stopping plugs are designed as a cost effective permanent solution for blanking un-used pre-threaded holes. A 'cross' slot in the cap enables tightening with a screwdriver.

Protection: IP56
IP66 (if fitted with sealing washer)

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

Material: PA6 (Nylon)

Colour: Grey



Code	Thread		
	Entry	Length (L)	Cap Diameter (A)
EVS12	M12 x 1.5	8.5	15.0
EVS16	M16 x 1.5	8.5	19.0
EVS20	M20 x 1.5	9.0	25.0
EVS25	M25 x 1.5	10.5	30.0
EVS32	M32 x 1.5	10.5	38.0
EVS40	M40 x 1.5	11.5	46.0
EVS50	M50 x 1.5	13.5	56.0
EVS63	M63 x 1.5	14.0	68.0

PG Dome Head Stopping Plugs

Remora industrial dome head stopping plugs are designed as a cost effective permanent solution for blanking un-used pre-threaded holes. A 'cross' slot in the cap enables tightening with a screwdriver.

Protection: IP56
IP66 (if fitted with sealing washer)

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

Material: PA6 (Nylon)

Colour: Grey



Code	Thread		
	Entry	Length (L)	Cap Diameter (A)
VS7	PG7 x 1.27	8.5	15.0
VS9	PG9 x 1.41	8.5	19.0
VS11	PG11 x 1.41	9.0	22.0
VS13	PG13.5 x 1.41	9.0	25.0
VS16	PG16 x 1.41	10.5	27.0
VS21	PG21 x 1.59	10.5	33.0
VS29	PG29 x 1.59	11.5	44.0
VS36	PG36 x 1.59	13.5	55.0
VS42	PG42 x 1.59	13.5	62.0
VS48	PG48 x 1.59	14.5	68.0

Hex Head Nylon Stopping Plugs

Remora industrial hex head stopping plugs are designed as a cost effective permanent solution for blanking un-used pre-threaded holes.

Protection: IP56
IP66 (if fitted with sealing washer)

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

Material: PA6 (Nylon)

Colour: Black or White



Code	Thread		
	Entry	Length (L)	Cap Diameter (A)
NSTP16	M16 x 1.5	11.0	22.0
NSTP20	M20 x 1.5	11.0	26.0
NSTP25	M25 x 1.5	11.0	32.0
NSTP32	M32 x 1.5	11.0	41.0

Metric Nylon Locknuts

Remora Metric nylon locknuts. Use this code if you wish to order locknuts separately from glands.

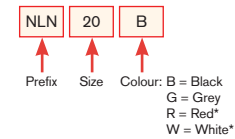
Temperature Range: -40°C to 100°C

Material: PA6 (Nylon)

Colour: Black, Grey, Red, White (M40-M63 Black and Grey Only)



Code	Thread		Bag
	Entry	Quantity	
NLN12 *	M12 x 1.5	100	
NLN16 *	M16 x 1.5	100	
NLN20 *	M20 x 1.5	100	
NLN25 *	M25 x 1.5	50	
NLN32 *	M32 x 1.5	50	
NLN40 *	M40 x 1.5	20	
NLN50 *	M50 x 1.5	20	
NLN63 *	M63 x 1.5	5	



PG Nylon Locknuts

Remora PG nylon locknuts. Use this code if you wish to order locknuts separately from glands.

Temperature Range: -40°C to 100°C

Material: PA6 (Nylon)

Colour: Black or Grey



Code	Thread		Bag
	Entry	Quantity	
NLNPG7 *	PG7 x 1.27	100	
NLNPG9 *	PG9 x 1.41	100	
NLNPG11 *	PG11 x 1.41	100	
NLNPG13.5 *	PG13.5 x 1.41	50	
NLNPG16 *	PG16 x 1.41	50	
NLNPG21 *	PG21 x 1.59	20	
NLNPG29 *	PG29 x 1.59	20	
NLNPG36 *	PG36 x 1.59	10	
NLNPG42 *	PG42 x 1.59	10	
NLNPG48 *	PG48 x 1.59	5	



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Remora Electrical 02201502

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