

MICC Cable Gland



ATEX approved Brass Gland for use in both hazardous and standard working environments. Our glands are designed to be used in conjunction with Wrexham Mineral Cables seal kits. Some sizes are seal dependent, a guide is given below.

Manufactured and tested to BS EN 60702-2:2002. Assessed to BS EN 50014:1997 (amendments A1 – A2) & BS EN 50018:2000 and compliance with ATEX Directive 94/9/EC.

For ambient service temperatures of -20°C to 450°C (T1)

Certified: IIG EExd IIC Ref: Sira 02ATEX1305X

The RGM can be used with flameproof apparatus sub-groups 11A, 11B, 11C and all other 'Types of protection' including general applications.

Light Duty Cable	
Cable Ref	Gland Needed
2L1	RGM2L1.0 / M20
2L1.5	RGM2L1.5 / M20
2L2.5	RGM2L2.5 / M20
2L4	RGM2L4.0 / M20
3L1	RGM3L1.0 / M20
3L1.5	RGM3L1.5 / M20
3L2.5	RGM3L2.5 / M20
4L1	RGM4L1.0 / M20
4L1.5	RGM4L1.5 / M20
4L2.5	RGM4L2.5 / M20

Heavy Duty Cable	
Cable Ref	Gland Needed
2H1.5	RGM2H1.5 / M20
2H2.5	RGM2H2.5 / M20
2H4	RGM2H4 / M20 Standard Seal RGM2H4 / M25 Earth Tail Seal
2H6	RGM2H6 / M20 Standard Seal RGM2H6 / M25 Earth Tail Seal
2H10	RGM2H10 / M25 Standard Seal RGM2H10 / M32 Earth Tail Seal
3H1.5	RGM3H1.5 / M20
3H2.5	RGM3H2.5 / M20 Standard Seal RGM3H2.5 / M25 Earth Tail Seal

Heavy Duty Cable	
Cable Ref	Gland Needed
3H4	RGM3H4 / M20 Standard Seal RGM3H4 / M25 Earth Tail Seal
3H6	RGM3H6.0 / M25
3H10	RGM3H10 / M25 Standard Seal RGM3H10 / M32 Earth Tail Seal
4H1.5	RGM4H1.5 / M20
4H2.5	RGM4H2.5 / M20 Standard Seal RGM4H2.5 / M25 Earth Tail Seal
4H4	RGM4H4 / M25
4H6	RGM4H6 / M25 Standard Seal RGM4H6 / M32 Earth Tail Seal
4H10	RGM4H10 / M25 Standard Seal RGM4H10 / M32 Earth Tail Seal

Potentially Explosive Atmospheres

Zone description

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.

Explosion Protection

Type of Protection	Zone	Apparatus Grouping	Gland Ref	Seal Ref
Flameproof (EX'd)	1,2	IIA, IIB & IIC	RGM	Standard Seal RPS, RPSL
Increased Safety (Ex'e')	1,2	II	RGM	Special Seal RPA, RPAL
Intrinsic Safety (Ex'i')	0,1,2	II	RGM	Standard Seal RPS, RPSL

The ATEX Directive

The ATEX 100a Directive 94/9/EC Sets out the essential health and safety requirements (EHSR's), which must be met before products may be sold or used anywhere in the European Union. Compliance with the requirement of this directive is mandatory from 1st July 2003. Wrexham mineral Insulated Cables and Accessories can be used with suitable Certified Apparatus in Zone Classification 0, 1 and 2. Providing the correct combination of Seals and Cable Glands are employed as shown above.

Gland Certification Sira 02ATEX3304U (RPA/RPAL) & Sira 02ATEX1305X (RGM)

RPS Seal Kit



RPS Seals Kits (commonly know as standard seals) are designed to be used in conjunction with Wrexham Mineral Cables glands. Manufactured and tested to BS EN 60702-2:2002.

For ambient service temperatures of -20°C to 80°C

Dependent on the cable size the pots are supplied in 20mm 25mm 32mm and 40mm

The seal kit contains the following as standard

Item Description	QTY			
	20mm	25mm	32mm	40mm
RPS Pots	10	2	2	2
Seal or Stub Caps (Size Dependant)	10	2	2	2
RMX Sealing Compound	3 Sticks	2 Sticks	2 Sticks	2 Sticks
PVC Sleeving	Dependent on cores - either 2 or 3 1.5m hanks			

Light Duty Cable	
Cable Ref	Seal Needed
2L1	RPS2L1
2L1.5	RPS2L1.5
2L2.5	RPS2L2.5
2L4	RPS2L4
3L1	RPS3L1
3L1.5	RPS3L1.5
3L2.5	RPS3L2.5
4L1	RPS4L1
4L1.5	RPS4L1.5
4L2.5	RPS4L2.5

Heavy Duty Cable	
Cable Ref	Seal Needed
2H1.5	RPS2H1.5
2H2.5	RPS2H2.5
2H4	RPS2H4
2H6	RPS2H6
2H10	RPS2H10
3H1.5	RPS3H1.5
3H2.5	RPS3H2.5
3H4	RPS3H4
3H6	RPS3H6
3H10	RPS3H10
4H1.5	RPS4H1.5
4H2.5	RPS4H2.5
4H4	RPS4H4
4H6	RPS4H6
4H10	RPS4H10

RPSL Seal Kits



RPSL Seals Kits (commonly know as Earth Tail seals) are designed to be used in conjunction with Wrexham Mineral Cables glands. Manufactured and tested to BS EN 60702-2:2002. For ambient service temperatures of -20°C to 80°C

Earth Tail Seals have an integrated earth tail (150mm long), crimped and soldered into the base of the brass pot. This provides earth continuity or sheath bonding into the application for cable conductor sizes up to and including 50mm² (Excluding those with 12 and 19 conductors)

The seal kit contains the following as standard

Item Description	QTY			
	20mm	25mm	32mm	40mm
RPS Pots	10	2	2	2
Seal or Stub Caps (Size Dependant)	10	2	2	2
RMX Sealing Compound	3 Sticks	2 Sticks	2 Sticks	2 Sticks
PVC Sleeving (Black)	Dependent on cores - either 2 or 3 1.5m hanks			
PVC Sleeving (Green/Yellow)	Dependent on cores - either 1 or 2 1.5m hanks			

Light Duty Cable	
Cable Ref	Seal Needed
2L1	RPS2L1
2L1.5	RPS2L1.5
2L2.5	RPS2L2.5
2L4	RPS2L4
3L1	RPS3L1
3L1.5	RPS3L1.5
3L2.5	RPS3L2.5
4L1	RPS4L1
4L1.5	RPS4L1.5
4L2.5	RPS4L2.5

Heavy Duty Cable	
Cable Ref	Seal Needed
2H1.5	RPS2H1.5
2H2.5	RPS2H2.5
2H4	RPS2H4
2H6	RPS2H6
2H10	RPS2H10
3H1.5	RPS3H1.5
3H2.5	RPS3H2.5
3H4	RPS3H4
3H6	RPS3H6
3H10	RPS3H10
4H1.5	RPS4H1.5
4H2.5	RPS4H2.5
4H4	RPS4H4
4H6	RPS4H6
4H10	RPS4H10