

Cable Glands

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:  II2G 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 Cables

CABLE REFERENCE	GLAND NEEDED
2L1	RGM2L1/20
2L1.5	RGM2L1.5/20
2L2.5	RGM2L2.5/20
2L4	RGM2L4/20
3L1	RGM3L1/20
3L1.5	RGM3L1.5/20
3L2.5	RGM3L2.5/20
4L1	RGM4L1/20
4L1.5	RGM4L1.5/20
4L2.5	RGM4L2.5/20

Heavy Duty Cables

CABLE REFERENCE	GLAND NEEDED
2H1.5	RGM2H1.5/20
2H2.5	RGM2H2.5/20
2H4	RGM2H4/20 (Standard Seal) RGM2H4/25 (E/T Seal)
2H6	RGM2H6/20 (Standard Seal) RGM2H6/25 (E/T Seal)
2H10	RGM2H10/25 (Standard seal) RGM2H10/32 (E/T Seal)
3H1.5	RGM3H1.5/20
3H2.5	RGM3H2.5/20 (standard Seal) RGM3H2.5/25 (E/T Seal)
3H4	RGM3H4/20 (Standard Seal) RGM3H4/25 (E/T Seal)
3H6	RGM3H6/25
3H10	RGM3H10/25 (Standard Seal) RGM3H10/32 (E/T Seal)
4H1.5	RGM4H1.5/20
4H2.5	RGM4H2.5/20 (Standard Seal) RGM4H2.5/25 (E/T Seal)
4H4	RGM4H4/25
4H6	RGM4H6/25 (Standard Seal) RGM4H6/32 (E/T Seal)
4H10	RGM4H10/25 (Standard Seal) RGM4H10/32 (E/T Seal)

Other sizes available on request
 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.

WMC Certification No's Sira 02ATEX3304U (RPA/RPAL) & Sira 02ATEX1305X (RGM)