

CABLE GLAND SELECTION TABLE

Size Ref.	Entry Thread Size		Cable Acceptance Details							'G'		Hexagon Dimensions	
			Inner Sheath/ Cores			Outer Sheath 'B'						Across Flats	Across Corners
	Metric	NPT* Std./ Option	'D' Max. Over Cores	'E' Max. Inner Sheath	Max. No. Of Cores	Standard Seal		Alternative Seal (S)					
						Min.	Max.	Min.	Max.				
Os	M20	1/2"	8.0	8.0	6	3.0	8.0	-	-	57.5	24.0	27.7	
O	M20	1/2"	8.9	10.0	6	7.5	11.9	-	-	57.5	24.0	27.7	
A	M20	3/4" or 1/2"	11.0	12.5	10	11.0	14.3	8.5	13.4	56.3	30.0	34.6	
B	M25	1" or 3/4"	16.2	18.4	21	13.0	20.2	9.5	15.4	58.9	36.0	41.6	
C	M32	1 1/4" or 1"	21.9	24.7	42	19.0	26.5	15.5	21.2	61.7	46.0	53.1	
C2	M40	1 1/2" or 1 1/4"	26.3	29.7	60	25.0	32.5	22.0	28.0	62.6	55.0	63.5	
D	M50	2" or 1 1/2"	37.1	41.7	80	31.5	44.4	27.5	34.8	72.8	65.0	75.1	
E	M63	2 1/2" or 2"	47.8	53.5	100	42.5	56.3	39.0	46.5	75.7	80.0	92.4	
F	M75	3" or 2 1/2"	59.0	66.2/65.3 +	120	54.5	68.2	48.5	58.3	77.7	95.0	109.6	

General Information

All Metric entry threads are 1.5mm pitch medium fit.
 All dimensions in millimetres (except* where dimensions are in inches).
 + Smaller value is applicable when selecting reduced NPT entry option.
 Two part sealing compound and assembly instructions are supplied with the cable gland.
 Assembly instruction data sheet No. A.I. 305.

Accessories including locknuts, sealing washers, serrated washers, earth tags, shrouds, adaptors and reducers available.

Materials & Finishes

The 623 cable gland is manufactured as standard in brass.
 NPT entries, nickel plated as standard. Full nickel plating by electroplating or electroless plating is also available.

Cable Gland Ordering Examples

Cable Gland Type/Size/Thread

e.g. 623/C/M32
 623/C/1 1/4" NPT

Cable Gland with Alternative Seal (S)

e.g. 623/C/M32/S
 623/C/1 1/4" NPT/S

Application

- Outdoor or Indoor use.
- For use with non-armoured elastomer and plastic insulated cables.


For use in all mining applications particularly those with :-

- Cables that are not effectively filled, compact and/or circular, have tape bedding or have hygroscopic fillers.
- Cables that exhibit "Cold Flow" characteristics.
- Enclosures containing an ignition source.

Features

- Provides a barrier seal between the individual insulated cores within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to create a barrier seal at the point of entry into the enclosure.
- The compound chamber may be separated from the cured compound to ensure that the chamber has been effectively filled. If required, external voids can be repaired.
- Provides a cable retention seal onto the cables outer sheath.

Technical Data

- Flameproof EExd I and Increased Safety EExe I.  I M2
- Baseefa Certificate No. Baseefa 02 ATEX 0177X.
- Suitable for use in Mines.
- Construction and test standards EN 50014, EN 50018, EN 50019
- IP66, IP67 and IP68 ingress protection to IEC 60529 and EN 60529.
- Operating temperature range -60°C to +80°C as standard.