

Cable Glands

Mining

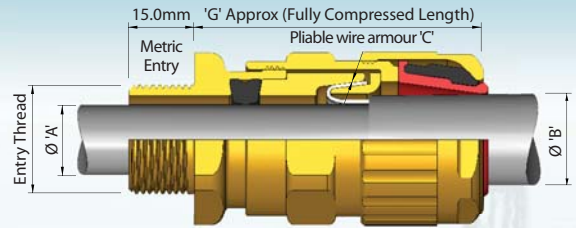
Flameproof Exd & Increased Safety Exe

Dual Certified ATEX / IECEx

453/T

Application

- Mining.
- For use with pliable wire armoured cables.
- See technical section for installation rules and regulations.



CABLE GLAND SELECTION TABLE

Size Ref.	Entry Thread Size		Cable Acceptance Details							'G'	Hexagon Dimensions	
	Metric	NPT * Standard or Option	Inner Sheath 'A'				Outer Sheath 'B'		Pliable Wire Armour 'C'		Across Flats	Across Corners
			Standard Seal		Alternative Seal (S)		Min.	Max.				
			Min.	Max.	Min.	Max.	Min.	Max.				
Os	M20	½"	3.0	8.0	-	-	5.5	12.0	7 x 0.45	50.2	24.0	26.5
O	M20	½"	6.5	11.9	-	-	9.5	16.0	7 x 0.45	50.2	24.0	26.5
A	M20	¾" or ½"	10.0	14.3	8.5	13.4	12.5	20.5	7 x 0.45	52.0	30.0	32.5
B	M25	1" or ¾"	12.5	19.7	9.5	15.4	16.9	26.0	7 x 0.45	59.2	36.0	39.5
C	M32	1¼" or 1"	19.0	26.5	14.5	21.2	22.0	33.0	7 x 0.45	63.2	46.0	50.5
C2	M40	1½" or 1¼"	25.0	32.5	22.0	28.0	28.0	41.0	7 x 0.71	68.7	55.0	60.6
D	M50	2" or 1½"	31.5	44.4 / 42.3 ¹	27.5	34.8	36.0	52.6	7 x 0.71	86.1	65.0	70.8
E	M63	2½" or 2"	42.5	56.3 / 54.3 ¹	39.0	46.5	46.0	65.3	7 x 1.25	82.2	80.0	88.0
F	M75	3" or 2½"	54.5	68.2 / 65.3 ¹	48.5	58.3	57.0	78.0	7 x 1.25	87.0	95.0	104.0

All dimensions in millimetres (except * where dimensions are in inches). Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

¹Smaller value is applicable when selecting reduced NPT entry option.

Technical Data

- Flameproof Exd and Increased Safety Exe $\text{Ex} \text{I M2}$.
- Certificate No's: Baseefa08ATEX0331X and IECEx BAS 08.0112X.
- Suitable for use in Mines.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-1 and IEC/EN 60079-7.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529.
- Operating Temperature Range: -60°C to +80°C.
- Assembly Instruction Sheet: AI 381.

Features

- Provides armour clamping using one clamping arrangement.
- Provides a seal onto the cables inner sheath.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass or 316 Stainless Steel.
- Brass NPT entries are nickel plated as standard.

Ordering Information

Format for ordering is as follows: Alternative Seal (S), add suffix S to ordering information.

Cable Gland Type	Size	Thread	(Optional)	Cable Gland Type	Size	Thread	(Optional)
453/T	C	M32	S	453/T	C	1 ¼"NPT	S