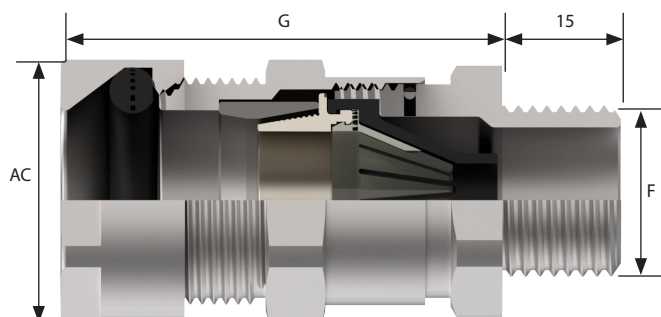


501/455/USG

Flameproof, Increased Safety, Dust Protection & Restricted Breathing
Certified ATEX / IECEx

International Approvals



- Provides Armour Clamping using one clamping arrangement for all armour/braid types
- Diaphragm Seal on inner sheath of cable which will not damage cables that exhibit 'Cold Flow' characteristics
- Outer Deluge Seal to prevent moisture ingress to the cable armour/braid
- Provides a Cable Retention and Low Smoke and Fume, Zero Halogen Seal onto the cables outer sheath
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium
- Brass NPT entries are nickel plated as standard

The 501/453/USG Cable Gland is fire resistant, robust and for use with single wire armour 'W', wire braid 'X', steel tape armour 'Z', elastomer and plastic insulated cables. Also ideal and for particular use with cables that exhibit 'Cold Flow' characteristics and can be used indoor or outdoor. All cable glands can be supplied with a shroud, lock nut, serrated washer and an earth tag. See technical section for installation rules and regulations.

Cable Gland Selection Table

Size Ref.	Entry Thread Size 'F'		Cable Acceptance Details						'G'	Hexagon Dimensions	
	Metric	NPT* Standard or Option	Inner Sheath		Outer Sheath		Armour Braid			Across Flats	Across Corners
			Min	Max	Min	Max	Orientation 1	Orientation 2			
O	M20	½"	6.0	11.0	9.0	16.0	0.8/1.25	0.1 / 0.8	55.0	24.0	27.5
A	M20	¾" or ½"	8.5	14.5	12.0	20.0	0.8 / 1.25	0.1 / 0.8	60.0	30.0	33.0
B	M25	1" or ¾"	12.0	20.0	16.0	26.0	1.25 / 1.6	0.1 / 0.8	63.1	36.0	40.0
C	M32	1¼" or 1"	17.0	26.0	20.0	33.0	1.6 / 2.0	0.1 / 0.8	77.3	46.0	52.5
C2	M40	1½" or 1¼"	23.0	32.0	29.0	41.0	1.6 / 2.0	0.1 / 0.8	82.0	55.0	64.0
D	M50	2" or 1½"	29.0	41.0	36.0	52.0	1.8 / 2.5	0.1 / 1.0	94.5	65.0	74.0
E	M63	2½" or 2"	44.0	56.0	50.0	65.0	1.8 / 2.5	0.1 / 1.0	101.0	80.0	92.0
F	M75	3" or 2½"	54.5	68.0	61.0	78.0	1.8 / 2.5	0.1 / 1.0	113.0	95.0	107.5

All metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

*All dimensions in mm except for NPT thread sizes

For size ranges 3.5mm - 8.1mm please refer to UNIV datasheet

Technical Data

Ingress Protection	IP66 and IP68 to IEC/EN 60529
Deluge Protection	To DTS01
Operating Temperature	-60°C to +80°C

ATEX/IECEx

ATEX/IECEx Protection Class	Ex II 2GD Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIC Db
ATEX Certificate No	CESI 19ATEX018X
IECEx Certificate No	IECEx CES 19.0013X
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31
Additional Certifications	EAC: RU C-GB.HA91.B.00118/20

Ordering Information

Format for ordering is as follows:

Cable Gland Type	Size	Thread	Material
501/455/USG	C	M32	Brass
501/455/USG	C	1¼" NPT	Brass