
Ex Cable Glands

Type 501-421



SINUS
JEVI 



Liquids



Gasses



Solids



Spaces



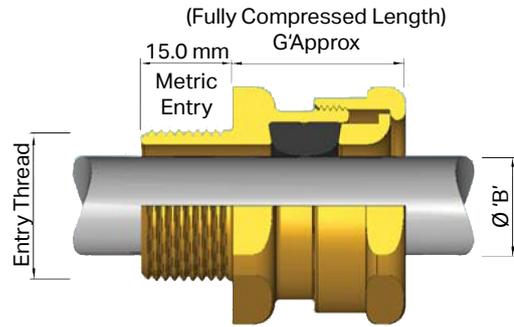
Resistors

**Cable glands type 501-421
Hazardous Area**

Flameproof Exd & Increased Safety Exe
Dual Certified ATEX / IECEx

Application

The 501/421 cable gland provides a seal on the outer cable sheath and is intended for use on non-armoured elastomer and plastic insulated cables. The cable gland is dual certified Exd and Exe and is suitable for installation in Zone 1 (21) and Zone 2 (22) hazardous areas.



CABLE SELECTION TABLE									
Size Ref.	Entry Thread Size		Cable Acceptance Details				'G'	Hexagon Dimensions	
	Metric	NPT* Standard or option	Outer Sheath 'B'					Across Flats	Across Corners
			Standard Seal		Alternative Seal (S)				
			Min.	Max.	Min.	Max.			
2K	M16	-	3.0	8.0	-	-	23.5	19.0	21.2
Os	M20 ²	½"	3.0	8.0	-	-	23.8	24.0	26.5
O	M20 ²	½"	7.5	11.9	-	-	23.8	24.0	26.5
A	M20	¾" or ½"	11.0	14.3	8.5	13.5	24.8	30.0	32.5

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

² Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable outer sheath diameter is 10.9 mm.

Technical Data

- ° Flameproof Exd and Increased Safety Exe - Ex II 2 GD ExtD A21.
- ° Certificate No's: Baseefa06ATEX0056X and IECEx BAS 06.0013X.
- ° Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- ° Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7 and IEC/EN 60079-31.
- ° Ingress Protection: IP66, IP67 and IP68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- ° Deluge Protection to DTS01.
- ° Operating Temperature Range: -60°C to +100°C.
- ° Assembly Instruction Sheet: AI307.
- ° Alternative certification options available:

Features

- ° When used in Increased Safety applications, this cable gland may be used with braided cable where the braid and the outer sheath pass into the enclosure. The braid must then be suitably terminated inside the enclosure.
- ° Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- ° Brass NPT entries are nickel plated as standard.



SINUS JEVI

Sinus is one of the pioneers in the field of explosion proof heating equipment, today we are still operating at the forefront. We manufacture according to ATEX as well as IECEx and EAC directives.

For the production of Ex-proof equipment a PQAN (Product Quality Assurance Notification) is issued by TUV-Nord. Our ISO-9001 and ISO-14001 systems are also monitored by this organisation.

NIBE