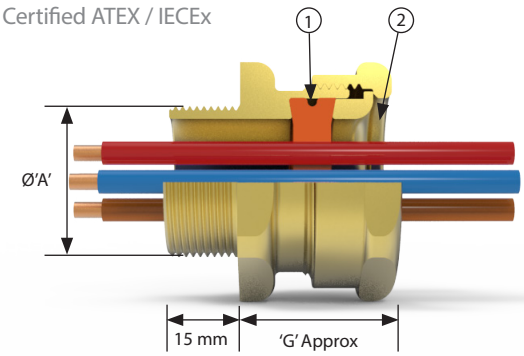
MADE IN BRITAIN

PSG/421

Flameproof, Increased Safety, Dust Protection
Class - Zones - Divisions
Certified ATEX / IECEx

International Approvals



① Unique pre-punched silicone barrier seal, provides a barrier seal to individual cables, allowing multiple cables to enter through a single entry. No putty, resin or compound required to achieve an Exd flameproof barrier seal. Unused holes are to be fitted with the hole plugs provided
② Rounded Cable entry to prevent cable damage

The PSG/421 dual certified Exe/Exd gland offers an instant barrier seal around individual cables, with each pre-punched hole in the silicone seal accepting a wide variance of cable diameters. This results in unparalleled speed of installation, inspection and flexibility, with no need for compounds or resin to achieve the Exd barrier seal, no curing time and instant gland completion. Each gland allows for multiple cables to be fitted into a single entry

Cable Gland Selection Table

Size Ref.	Entry Thread Size 'A'		'G'	Hexagon Dimensions	
	Metric	NPT* Standard		Across Flats	Across Corners
Os	M20[2]	¾" or ½"	23.8	24.0	26.5
O	M20[2]	¾" or ½"	23.8	24.0	26.5
A	M20	¾" or ½"	24.8	30.0	32.5
B	M25	1" or ¾"	25.8	36.0	39.5
C	M32	1¼" or 1"	29.2	46.0	50.5

[1] Smaller value is applicable when selecting reduced NPT entry option.
[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 10.9mm

Gland Size	Max / Min core dia (mm)	Max QTY Cores	Max / Min core dia (mm)	Max QTY Cores
A	1.5 - 4	7		
B	1.5 - 4	12	5 - 6.5	5
C	2.5 - 4	19		

Table Data Pending

Ordering Information

To select the correct size punch tool, please see table. Format for ordering is as follows:

Cable Gland Type	Size	Thread	Material
PSG/421	B	M25	Brass
PSG/421	A	M20	Stainless

Order Example: PSG/421 B M25 Brass

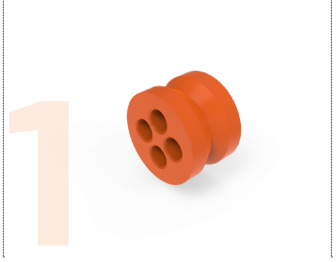
Technical Data

	ATEX/IECEx
Type of Protection	Flameproof Ex db IIC Gb, Increased Safety Ex eb IIC Gb and Dust Extb IIIC Db Ex II 2GD
ATEX Classification	Certificate No's: CML19ATEX1167X and IECEx CML 19.0045X
Area Classification	Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22
Construction & 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) and IP69 to IEC/EN 60529
Deluge Protection	Deluge Protection to DTS01
Operating Temperature	-60°C to +80°C

PSG Seal

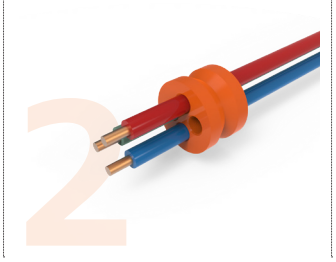
How it works

Step 1



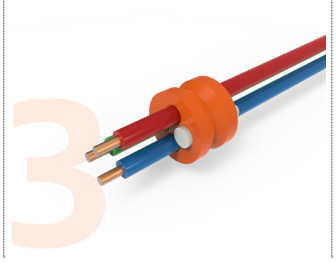
The silicone seal is delivered pre-punched, allowing a variable size of cores to be terminated in each of the holes, including mixed core sizes (for example 3x2.5mm plus 1x1mm screen)

Step 2



The cores are passed through the holes in the seal and the seal pulled into position.

Step 3



Any unused holes are plugged with the supplied plastic bungs. The seal can now be inspected in-situ on the cable. The gland is then tightened as per the installation instructions.