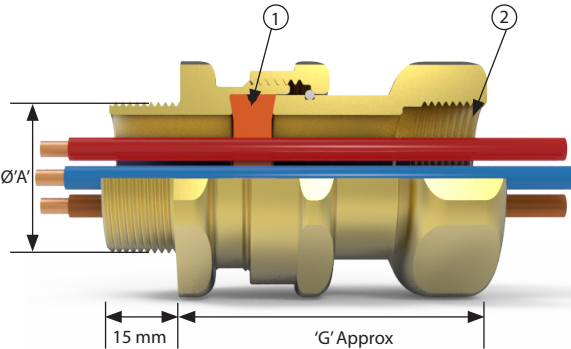




# SB/474

Flameproof, Increased Safety, Dust Protection  
Certified ATEX/IECEX



- ① Unique pre-punched silicone barrier seal, provides a barrier seal to the individual cores within the cable and prevents entry of the products of an explosion into the cable. No putty, resin or compound required to achieve an Exd flameproof barrier seal. Unused core holes are to be fitted with the hole plugs provided
- ② Female running coupler for cable gland or conduit entry. Can be used to upgrade standard non-barrier gland into a flameproof Exd barrier gland.

The SB474 dual certified Exe/Exd gland offers an instant barrier seal around the individual cable cores, with each pre-punched hole in the silicone seal accepting a wide variance of core diameters and a female running coupler for conduit or cable gland entry. 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.

Cable Gland Selection Table							
Size Ref.	Entry Thread Size 'A'				'G' Metric	Hexagon Dimensions	
	Male		Female			Across Flats	Across Corners
	Metric	NPT* Standard or Option	Metric	NPT# Standard or Option			
A	M20	¾" or ½"	M20	-	56.4	30.0	32.5
B	M25	1" or ¾"	M25	-	48.2	36.0	39.5
C	M32	1¼" or 1"	M32	-	61.60	46.0	50.5

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

Table Data Pending

Technical Data	
Type of Protection	Flameproof Exdb IIC Gb, Increased Safety Exeb IIC Gb and Dust Extb IIIC Db Ex II 2GD
ATEX Classification	Certificate No's: CML19ATEX1167X and IECEx BAS 19.0045X
Area Classification	Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and Gas Groups IIA, IIB and IIC
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) to IEC/EN 60529 and NEMA 4X
Deluge Protection	To DTS01
Operating Temperature	-60°C to +80°C

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		

Ordering Information			
To select the correct size punch tool, please see table. Format for ordering is as follows:			
Cable Gland Type	Size	Thread	Material
SB/474	C	M32	Brass
SB/474	C	1¼" NPT	Brass

Order Example: SB/747 C M32 Brass

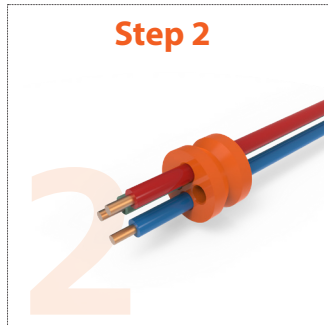
# PSG Seal

## How it works



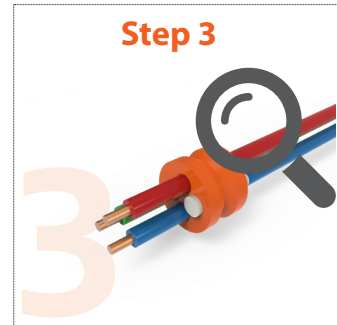
**Step 1**

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.