

## Flameproof Gland Kits Application



### A2EX EEx d IIC & EEx e II Deluge Proof IP68 Gland Kit

#### Features & Benefits

- > For unarmoured and braided cable
- > Brass indoor and outdoor cable gland for use in hazardous areas
- > Suitable for circular unarmoured cables with extruded oversheath
- > Fitted with silicone rubber low smoke, zero halogen seal
- > Achieves IP66, IP68 (1 bar) and deluge proof (DTS01:1991) seal onto cable and to enclosure with suitable sealing washer or thread sealant
- > Suitable for most climatic conditions – weatherproof, waterproof and deluge proof
- > Nickel plated versions also available

#### Technical Data

- > Certified II 2GD, EEx e II & EEx d IIC under ATEX directive 94/9/EC
- > Certificate number Sira99ATEX1086X
- > Service temperature range  $-50^{\circ}\text{C}$  to  $+200^{\circ}\text{C}$
- > May be used in:
  - Zones 0, 1 & 2 with EEx ia IIA, B & C equipment
  - Zones 1 & 2 with EEx ib IIA, B & C equipment
  - Zones 1 & 2 with EEx e II equipment
  - Zones 1 & 2 with EEx p II equipment
  - Zone 2 with EEx nA II equipment
  - Zones 21 & 22 with EEx tD II equipment
- > Where the cable is effectively filled, may also be used in:
  - Zones 1 & 2 with EEx d IIC equipment not containing a source of ignition & with a volume less than  $2000\text{ cm}^3$
  - Zones 1 & 2 with EEx d IIA & EEx d IIB equipment not containing a source of ignition & with any volume
  - Zone 1 with EEx d IIA & EEx d IIB equipment containing a source of ignition & with a volume less than  $2000\text{ cm}^3$
  - Zone 2 with EEx d IIA & EEx d IIB equipment containing a source of ignition & with any volume
  - Zone 2 with EEx nR II equipment
- > UL Classified in accordance with IEC 60079-0, 60079-1 and 60079-7 for use in hazardous locations
- > UL Listed for use in Class 1, Zone 0, 1 and 2 hazardous locations for Canada
- > Kit comprises:
  - A2EX Gland
  - Brass locknut
  - PVC shroud
- > 2 per kit up to and including 25mm size



SPECIALIST DISTRIBUTORS OF



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#### Gland Details

Gland References & Thread Sizes			Cable Dia. 'A' mm		Gland Dimensions mm		
Basic Size	Metric		Min	Max	Approx. Length 'B'	Hexagon Size	
	Design No.	Thread Size *				A/C 'C'	A/F 'D'
20SS	A2EX20SSK	M20 × 1.5	3.5	8.5	36	24.9	22.0
20S	A2EX20SK	M20 × 1.5	8.0	11.5	36	24.9	22.0
20	A2EX20K	M20 × 1.5	8.0	16.0	34	28.7	25.7
25	A2EX25K	M25 × 1.5	11.5	21.0	44	36.9	33.0
32	A2EX32K	M32 × 1.5	18.5	27.5	38	42.2	37.5
40	A2EX40K	M40 × 1.5	24.0	34.0	46	53.6	47.2
50	A2EX50K	M50 × 1.5	31.0	41.0	44	61.5	56.4
63	A2EX63K	M63 × 1.5	40.0	52.5	61	77.2	70.0
75S	A2EX75SK	M75 × 1.5	52.5	58.0	46	87.4	80.0
75	A2EX75K	M75 × 1.5	54.5	65.5	66	87.4	80.0

\* 1.5mm Pitch threads are supplied 15mm long.

