



PRODUCT DESCRIPTION

"A8" type glands are certified Flameproof Ex db, Increased Safety Ex eb, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIA, IIB and IIIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEC. Developed for flat cables, they provide controlled Ex db sealing and have been tested to IP66 and IP68 to 50 metres. The A8 version is designed to accommodate unarmoured and armoured cables where sealing and retention is required only on the outer sheath.

COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529
C22.2 (see certificate), CAN/CSA 60079-0/1/7/31
UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7, ISA 60079-31

EXAMPLE PART NUMBERING:
A8BF/NP/20R/M20

OPTIONS	A	Gland for Unarmoured Cables
	B	Silicone Seal for flat cables
	B	Brass (B) / Stainless Steel (S)
	F	Multiple Certification
	K-V-H	Locknut & Nylon (K), Fibre (V) or PTFE (H) IP Washer
	T	Including Earth Tag
	S	Including Serrated Washer
	1	Quantity per kit
	NP	Nickel Plated
	20R	Gland shell size
	M20	M20 x 1.5mm Male Entry Thread

OPTIONAL ACCESSORIES:

LOCKNUT	Brass (ACBLN) / Stainless Steel (ACSLN)
EARTH TAG	Brass (ACBET) / Stainless Steel (ACSET)
IP WASHERS	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
SERRATED WASHERS	Stainless Steel (ACSSW)

IP RATING:	IP66 & IP68 (50 metres - 7 Days), Type 4X
OPERATING TEMP:	Silicone Seals -60°C to +180°C
MATERIALS:	Brass or Stainless Steel
PLATING:	Electroless Nickel

CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		ISO Thread Length [B]	Cable Outer Sheath [D]				Nominal Protrusion Length [L]	Dimensions/Weight (Metric Versions)		
	Metric	NPT		Width		Thickness			Across Flats [A]	Across Corners	Weight (Kgs)
20S	M20 x 1.5 M25 x 1.5	3/4" or 1/2"	16	6.3	11.7	4.0	7.0	33	30.0	33.0	0.104
20R	M20 x 1.5 M25 x 1.5	3/4" or 1/2"	16	8.1	13.5	5.8	6.2	33	30.0	33.0	0.104
20	M20 x 1.5 M25 x 1.5	3/4" or 1/2"	16	10.3	13.5	5.6	9.0	33	30.0	33.0	0.103
25*	M25 x 1.5	3/4" or 1"	16	10.6	16.2	4.0	7.0	31	37.6	41.4	0.162

NOTES

- Gland size does not necessarily equate to the entry thread size.
- Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to general machining techniques and parts will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.

- When selecting IP Washer & Shroud material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to UKEX, ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.
- * Size 25 is not covered for RS applications.