

Single Seal Gland for Unarmoured Cable
featuring a Hose Connection

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68



PRODUCT DESCRIPTION

"A*LCH***" 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 IIC. Commonly referred to as "stuffing glands", they provide a controlled pull resistant environmental displacement seal on the cable outer sheath, minimising damage to cables that exhibit "cold flow" characteristics. The gland maintains IP66 & IP68 to 50 metres. It is supplied with an IP O-ring seal as standard on metric entry threads. Options are available for use with LSOH cables and extreme temperature applications. The gland features an extended tail for connection of suitable hose.

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

CERTIFICATION:

Table with 2 columns: Certification (UKEX, ATEX, IECEX, EAC, INMETRO - Brazil, CCC - China, UKRAINE, CCoE - India, ECAS-Ex, ABS, LLOYD'S, DNV) and Details (e.g., II 1D 2G Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da).

CERTIFICATION NO.:

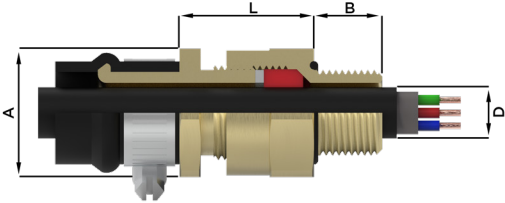
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CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Table with 11 columns: Gland & Connector Size, Entry Thread Size (Metric, NPT), Metric Thread Length [B], Cable Acceptance Details Outer Sheath [D] (Min, Max), Typical Hose Diameter (I/D), Nominal Protusion Length [L], Dimensions/Weight (Metric) (Across Flats [A], Across Corners, Weight (Kgs)).

NOTES

- Gland size does not necessarily equate to the entry thread size.
- The IP O-ring seal is only available on metric entry threads. IP washers can be supplied for tapered entry threads.
- 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.



EXAMPLE PART NUMBERING:
A2LCHBF/NP/20-1/M20

Table with 2 columns: Option (A, 2, LCH, B, F, K-V-H, T, S, 1, NP, 20-1, M20) and Description (e.g., Gland featuring controlled displacement sealing, Neoprene Seals (2) - Silicone (3) - Neoprene/Lead (1) - Silicone/Lead (4)).

OPTIONAL ACCESSORIES:

Table with 2 columns: Accessory (LOCKNUT (L), EARTH TAG (T), IP WASHERS, SERRATED WASHERS) and Material (e.g., Brass (ACBLN) / Stainless Steel (ACSLN) / Aluminium (ACALN)).

Table with 2 columns: Property (IP RATING, OPERATING TEMP, MATERIALS, PLATING) and Value (e.g., IP66 & IP68 (50 metres - 7 days), Neoprene Seals -35°C to +90°C).