

Double Seal Gland for Armoured Cable
featuring "CROCKLOCK"

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68 : Class I Zone 1 : AEx eb : AEx ta



PRODUCT DESCRIPTION

"CR" 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 IIIA, IIIB and IIIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEC. They provide a controlled Ex db & IP displacement seal on the cable inner sheath minimising damage to cables that exhibit "cold flow" characteristics, an environmental seal on the outer sheath and "CROCKLOCK", a unique non reversible multi clamping system for wire, braid and tape armoured cables. The gland maintains IP66 & IP68 to 50 metres and is deluge proof without the use of an additional seal. It is supplied with an IP O- ring seal as standard on metric entry threads. Options are available for use with lead sheath, LSOH cables and extreme temperature applications.

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

CERTIFICATION:

Table with 2 columns: Certification (UKEX, ATEX, IECEX, CEC - Canada, NEC - USA, EAC, INMETRO - Brazil, CCC - China, UKRAINE, CCoE - India, KCS-Korea, 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).

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CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

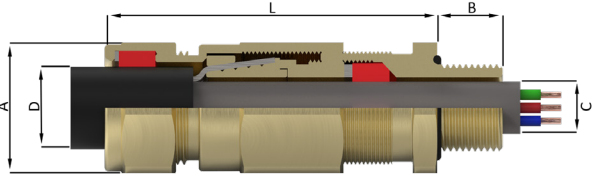
Large table with columns: Gland size, Entry Thread Size (Metric, NPT), Metric Thread Length [B], Inner Sheath [C] (Min, Max), Outer Sheath [D] (Min, Max), Reduced [D] (Min, Max), Armour Acceptance Range, Nominal Protrusion Length [L], Dimensions/Weight (Metric Versions) (Across Flats [A], Across Corners, Weight [Kgs]), Shroud Size (Metric).

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



PRODUCT TYPE CR



EXAMPLE PART NUMBERING:
CR-1B/NP/20/M20

Table with 2 columns: Option (CR, 1, B, R, C, K-V-H, S, 1, NP, 20, M20) and Description (e.g., Gland featuring "CROCKLOCK", Neoprene Seal (1) - Silicone Seal (3) - Neoprene/Lead (2) - Silicone/Lead (4)).

OPTIONAL ACCESSORIES:

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

Table with 2 columns: Property (IP RATING, OPERATING TEMP, MATERIALS, PLATING) and Value (e.g., IP66 & IP68 (50 metres - 7 Days), Type 4X & DTS01:1991).

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.
- * For gland sizes 16, 16H and 20S when used with 3/4" NPT entry thread an L30 shroud would be required.