

Single Compression Gland for Armoured Cable
featuring Peppers MAC™

Ex eb : Ex ta : IP66 : Class I Zone 1 : AEx eb : AEx ta



PRODUCT DESCRIPTION

"C*U" type single compression glands are certified Increased Safety Ex eb 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 IIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEC. The gland is suitable for cables that exhibit "cold flow" characteristics, whilst providing an IP66 environmental seal on the cable outer sheath and Peppers multi-armour clamping system for wire, braid and tape armoured cables. The "IE" version allows the gland to be used with HV cables where the fault load is greater than 10.4kA and options are available for use with LSOH cables and extreme temperature applications.

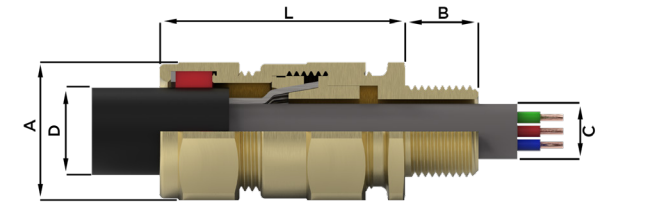
COMPLIANCE STANDARDS:

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

Table with 2 columns: Certification (UKEX, ATEX, IECEx, CEC - Canada, NEC - USA, EAC, INMETRO - Brazil, CCC - China, CCoE - India, ECAS-Ex - U.A.E, ABS, LLOYD'S, DNV) and Details (e.g., II 1D 2G Ex eb IIC Gb / Ex ta IIIC Da, Class II Group E, F & G, Class III Type 4X).

Table with 12 columns: Gland size, Entry Thread Size (Metric, NPT), Metric Thread Length [B], Cable Acceptance Details (Inner Sheath, Outer Sheath, Reduced), Armour Acceptance Range (Orientation 1, 2), Nominal Protusion Length [L], Dimensions/Weight (Metric) (Across Flats, Across Corners, Weight), and Shroud Size* (Metric).

- 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 supplies cable glands 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:
CIUBE/NP/20/050NPT

Table with 2 columns: Option Code (C, 1, U, B, IE, E, R, C, K-V-H, S, 1, NP) and Description (e.g., Gland featuring Peppers Multi-armour clamping system, Neoprene Seal (1) - Silicone Seal (3), SWA / AWA / SWB or STA).

OPTIONAL ACCESSORIES:

Table with 2 columns: Accessory Name (LOCKNUT, EARTH TAG, IP WASHERS, SERRATED WASHERS, SHROUDS) and Description (e.g., Brass (ACBLN) / Stainless Steel (ACSLN), Nylon (N) / Fibre (J) / PTFE (Z)).

Table with 2 columns: Property (IP RATING, OPERATING TEMP, MATERIALS, PLATING) and Value (e.g., IP66, Type 4X; Neoprene Seals -35°C to +90°C; Brass or Stainless Steel; Electroless Nickel).

- 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.
- Orientation 2 Min ranges stated are for double layer braid and single layer tape.
- 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 and 20S when used with 3/4" NPT entry thread an L30 shroud would be required.