

Double Seal Barrier Gland for Armoured Cable
featuring "CROCLOCK®" and Peppers T-1000 Compound
Class I Div 1: AEx d : AEx e : AEx ta : IP66 : IP68 : Ex db : Ex eb : Ex nR : Ex ta



PRODUCT DESCRIPTION
"UL-C" type glands, certified Explosion Proof Class I Div 1, Gas Groups ABCD, Flameproof Ex db, Increased Safety Ex eb, Restricted Breathing Ex nR & dust protected Ex ta are suitable for use in Zone 1, Zone 2, Zone 20, Zone 21, Zone 22, Group I Mining, Gas Groups IIA, IIB, IIC and Dust Groups IIIA, IIIB, IIIC. Also certified for Zone and Division installations under CEC and NEC. Occasionally referred to as "potting glands", they provide a compound barrier Ex db & IP seal on the cable inner cores, eliminating damage to cables that exhibit "cold flow" characteristics and an environmental seal on the outer sheath. The gland is suitable for use with all certified Marine Shipboard Cable and Tray Cable whilst being UL listed for Marine Shipboard Armoured, Jacketed or Non Jacketed cable. The unique features include "CROCLOCK™", the non reversible multi-clamping system for wire, braid and tape armoured cables and Peppers T-1000, the sealing compound that enables a quick and easy installation. The gland is AEx d, AEx e, AEx ta approved and rated Type 4X, maintains IP66, IP68 to 100 metres and is deluge proof without the use of an additional seal or deluge boot.

COMPLIANCE STANDARDS:
UL514B, UL14203, UL2225, UL50E, ANSI/UL 60079-1/1/7, ISA 60079-31
C22.2 No. 0/25/30/94.1/94.2/174 & CAN/CSA C22.2 60079-0/1/7/31
EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
IEC 60079-0, IEC 60079-1, 60079-7, IEC 60079-15, IEC 60079-31 & IEC 60529

Table with 2 columns: Certification Body and Details. Rows include UL, CEC - Canada, NEC - USA, UKEX, ATEX, IECEX, EAC, INMETRO - Brazil, CCC - China, UKRAINE, CCoE - India, ECAS-Ex, ABS, LLOYD'S, and DNV.

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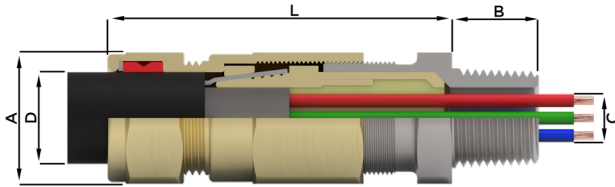
CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN INCHES)

Table with 18 columns: Gland Size, Entry Thread Size (Metric, NPT), Metric Thread Length [B], NPT Thread Length [B], Cable Acceptance Details (Internal Cable Details, Cable Outer Sheath Seal [D], Armour Acceptance Range), Nominal Protusion Length [L], Dimensions/Weight (NPT Entry Thread Versions), and Shroud Size (Metric). Rows list various gland sizes from 16 to 75.

- Gland size does not necessarily equate to the entry thread size.
- UL approval/applications have a reduced core quantity. Consult product installation instructions for specific core data.
- 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.

- Metric versions are supplied with an IP O-ring.
- All brass entry threads are Nickel Plated as standard.
- 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.
- The gland is supplied with the correct amount of the two-part compound, gloves and instructions to allow one complete termination.
- Where approval in addition to UL, UKEX, ATEX, IECEX and CSA is required, this must be clearly requested at time of enquiry / order.
- * For glands size 16 and 20S when used with 3/4" NPT entry thread an L30 shroud would be required.

PRODUCT TYPE UL-C



EXAMPLE PART NUMBERING:
UL-CB/NP/20/075NPT

Table with 2 columns: Part and Description. Rows include UL-C (Gland), B (Brass/Stainless Steel), R (Reduced Bore Seal), C (PVC Shroud), K-V-H (Locknut/Washer), S (Serrated Washer), 1 (Quantity), NP (Nickel Plated), 20 (Gland shell size), and 075NPT (Male Entry Thread).

OPTIONAL ACCESSORIES:

Table with 2 columns: Accessory and Description. Rows include LOCKNUT (L), EARTH TAG (T), IP WASHERS, SERRATED WASHERS, and SHROUDS.

Table with 2 columns: Property and Value. Rows include IP RATING, OPERATING TEMP, MATERIALS, PLATING, COMPOUND, and ELASTOMERIC SEAL.

CURING TIME:
@ 21°C Conductor termination can be effected after 1 hour.
The equipment can be energised after 4 hours.

NOTES