Assembly instructions must be read prior to installation and adhered to in full. It is the installer’s responsibility to ensure that the conduit is secured correctly. Gland size does not necessarily equate to the entry thread size. Where approval in addition to ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.

Cable Gland Selection Table

<table>
<thead>
<tr>
<th>Option</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LT-C</td>
<td>Gland featuring Peppers T-1000 Compound and connection for liquid tight flexible metallic conduit</td>
</tr>
</tbody>
</table>

- ATEX: I M2 II 1G Ex db I Mb / Ex db IIC Gb / Ex eb I Mb / Ex eb IIC Gb / Ex ta IIC Da
- IECEx: Ex db I Mb / Ex db IIC Gb / Ex eb I Mb / Ex eb IIC Gb / Ex ta IIC Da
- EAC: PB Ex d I Mb / Ex IIC Gb X / Ex eb IIC Gb X / 3Ex d IIC Gc X / Ex ta IIC Da X
- INMETRO - Brazil: Ex db I Mb / Ex eb I Mb / Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIC Da
- SAC - China: Ex db IIC Gb / Ex eb IIC Gb
- Ukraine: Ex db I Mb / Ex db IIC Gb / Ex eb I Mb / Ex eb IIC Gb / Ex ta IIC Da
- Lloyd’s: Ex db I Mb / Ex db IIC Gb / Ex eb I Mb / Ex eb IIC Gb / Ex ta IIC Da

Product Description

“LT-C” type glands are certified Flameproof Ex db. 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. Occasionally referred to as “potted glands”, they provide a compound barrier Ex db & IP seal on the cable inner cores, eliminating damage to cables that exhibit “cold flow” characteristics. The gland maintains IP66 & IP68 to 100 metres. The gland incorporates a connection for liquid tight flexible metal conduit and features the Peppers T-1000 sealing compound that enables a quick and easy installation.

Compliance Standards:

- EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31
- IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529

Certification:

- ATEX: SRA 14ATEX103X
- IECEx: IEx EEx SR 14.0106X
- EAC: RU C-GB.BH02.B.00693-18
- INMETRO - Brazil: NCC 18.0275 X
- SAC - China: NEPSI GY16.1408X
- Ukraine: CQE 18.0234 X
- CcE - India: PESO PM630001
- Lloyd’s: 10/0056(E1)

Dimensions/Weight (Metric Versions):

- Across Flats (A): 25.4 / 28.0 / 0.180
- Across Corners: 28.0 / 0.177
- Weight (Kgs): 0.217

- Across Flats (A): 30.0 / 33.0 / 0.364
- Across Corners: 53.0 / 0.218
- Weight (Kgs): 0.482

- Across Flats (A): 46.0 / 50.6 / 0.706
- Across Corners: 60.5 / 0.364
- Weight (Kgs): 0.848

- Across Flats (A): 80.0 / 0.364
- Across Corners: 88.0 / 0.706
- Weight (Kgs): 1.410

- Across Flats (A): 97.5 / 0.706
- Across Corners: 108.7 / 0.848
- Weight (Kgs): 2.338

Notes:

- 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. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length.
- The equipment can be energised after 4 hours.
- Email: sales@peppers.co.uk | Tel: +44 (0) 1276 64232
- Peppers Cable Glands Limited will not be held responsible for clients’ installations where this has not been taken into account.
- If it is the installer’s responsibility to ensure that the conduit is secured correctly.
- The gland is supplied with the correct amount of the two-part compound, gloves and instructions to allow one complete termination.
- If fit testing is required for specific conduit please contact Peppers.
- When selecting IP Washer 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 ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.