**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 21 and 22 for Dust Groups IIIA, IIB and IIC. Commonly referred to as "stuffed 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 mantis IP68 & IP66 to 50 metres. It is supplied with an IP O-ring seal as standard on metric entry threads. The gland features an extended tail for connection of suitable hose.

**COMPLIANCE STANDARDS:**

- EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-11, EN 60079-13, IEC 60079-1, IEC 60079-7, IEC 60079-11 & IEC 60529
- ATEX: II 1D Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIC Da
- IECEx: Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIC Da
- EAC: Ex d IIC Gb X / Ex eb IIC Gb X / Ex ta IIC Da X
- INMETRO - Brazil: Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIC Da
- SAC - China: Ex d IIC Gb / Ex eb IIC Gb / Ex ta IIC Da
- UKRAINE: II 2G Ex db IIC Gb / II 3G Ex db IIC Gb / II 3G Ex nr IIC Gc / II 1D Ex ta IIC Da
- CCC - India: Ex d IIC Gb (Zone 1) / Ex e IIC Gb (Zone 2) / Ex nr IIC Gc (Zone 2) Specified
- ABS: Specified ABS Rule
- LLOYD'S: Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da
- RMRS: Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da

**CERTIFICATION INC:**

- ATEX: SIRA-01ATEX1272X & SIRA-08ATEX1221X
- IECEx: IECEx IR 07.0096X
- SIRA: 01ATEX1272X & 08ATEX1221X
- UKRAINE: CIL18.0325 X
- CCC - India: PESO P3653002 & P3653005
- ABS: 14LD463961-1-PDA
- LLOYD'S: 1000956(E)
- RMRS: 14.02755.316

---

**TABLE:**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M12</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>M16</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>M20</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>M25</td>
<td>5/8&quot;</td>
</tr>
<tr>
<td>M32</td>
<td>1&quot;</td>
</tr>
<tr>
<td>M40</td>
<td>1 1/4&quot;</td>
</tr>
<tr>
<td>M50</td>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>M63</td>
<td>2&quot;</td>
</tr>
<tr>
<td>M75</td>
<td>2 1/2&quot;</td>
</tr>
<tr>
<td>M80</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

---

**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.
- Users 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.
- 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.
- It is the installer’s responsibility to ensure that the hose is secured correctly with a suitable hose clip.
- If fit testing is required for specific hosing please contact Peppers.
- Where approval in addition to ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.