**CABLE GLAND SELECTION TABLE**

**NOTES:**
- Metric size does not necessarily equate to the entry thread size.
- UL approvals/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. 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.

**PRODUCT DESCRIPTION**

“UL-X” type glands, certified Explosion Proof Class I Div 2, Gas Groups A-B-C-D, Flameproof Ex db, Increased Safety Ex eb, Restricted Breathing Ex sr & Dust Protected Ex ta. They are equipped for use in Zone 1, Zone 2, Zone 20, Zone 21, Zone 22, Group I Mining, Gas Groups IIA, IIB, IIC, Dust Groups II A, II B, II C & II D. Occasionally referred to as “potting glands”, they provide a compound barrier Ex eb & IP seal on the cable inner cores, eliminating damage to cables that exhibit “cold flow” characteristics. The gland is suitable for use with all certified Marine Shipboard Cable and Tray Cable whilst being UL listed for Marine Shipboard Unarmoured. JACKETED OR NON-jacketed cable. A unique feature includes, Peppers T-1000, the sealing compound that enables a quick and easy installation. The gland is AEx d, AEx e, AEx x 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:**

UL548, UL2083, UL2225, UL50E, ANSI/UL 60079-0/17, ISA 60079-31
C22.2 No. O/25/194/1A/2/74/6 CAN/CSA C22.2 NO.0/(1)7/73/71
EN 60079-0, EN 60079-1, EN 60079-15, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-15, IEC 60079-31 & IEC 65029

**CERTIFICATION:**

UL: E248936
CEC - Canada: CSA 7004040
NEC - USA: CSA 70040040
ATEX: SIRA 09AE06089 & SIRA 09ATEX124X
IECEX: IECEX SIR 09033X3
EAC: RUC GB-B203.E0098-18
INMETRO - Brazil: NCC 13.1057X
SAC - China: NEPSI GY16.1403X
UKRAINE: CII 18.0324 X
CCoE - India: PESO P3630003 & P3630010
ABS: 14-LD43991A-1-PDA
LLOYDS: 1000065(E1)
RMRS: 14.02755.115

**CURING TIME:**

(2) 2°C Conductor termination can be affected after 1 hour. The equipment can be energised after 4 hours.

**PART NUMBERS:**

<table>
<thead>
<tr>
<th>UL</th>
<th>X</th>
<th>B</th>
<th>S</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Gland Size</th>
<th>Entry Thread Size</th>
<th>Metric Thread Length</th>
<th>NPT Thread Length</th>
<th>Cable Acceptance Details</th>
<th>Nominal Protection (IP)</th>
<th>Dimensions/Weight (NPT Entry Thread Versions)</th>
<th>Shroud Size (Metric)</th>
</tr>
</thead>
<tbody>
<tr>
<td>205</td>
<td>M20 x 1.5</td>
<td>0.630</td>
<td>0.783 or 0.795</td>
<td>25</td>
<td>0.409</td>
<td>Across Flats (A) = 1,000, Across Comers (B) = 1,102, Weight (lbs) = 0.138</td>
<td>L24</td>
</tr>
<tr>
<td>20</td>
<td>M20 x 1.5</td>
<td>0.630</td>
<td>0.783 or 0.795</td>
<td>40</td>
<td>0.482</td>
<td>1,180, Across Flats (A) = 1,299, Across Comers (B) = 1,129, Weight (lbs) = 0.170</td>
<td>L30</td>
</tr>
<tr>
<td>25</td>
<td>M25 x 1.5</td>
<td>0.630</td>
<td>0.795 or 0.985</td>
<td>60</td>
<td>0.701</td>
<td>1,480, Across Flats (A) = 1,830, Across Comers (B) = 1,320, Weight (lbs) = 0.320</td>
<td>L38</td>
</tr>
<tr>
<td>32</td>
<td>M32 x 1.5</td>
<td>0.630</td>
<td>1.008</td>
<td>80</td>
<td>0.925</td>
<td>1,810, Across Flats (A) = 1,992, Across Comers (B) = 1,612, Weight (lbs) = 0.462</td>
<td>L46</td>
</tr>
<tr>
<td>40</td>
<td>M40 x 1.5</td>
<td>0.630</td>
<td>1.008 or 1.024</td>
<td>100</td>
<td>1.135</td>
<td>2,070, Across Flats (A) = 2,382, Across Comers (B) = 1,792, Weight (lbs) = 0.500</td>
<td>L55</td>
</tr>
<tr>
<td>50</td>
<td>M50 x 0.5</td>
<td>1.630</td>
<td>1.601</td>
<td>400</td>
<td>1.550</td>
<td>2,560, Across Flats (A) = 2,815, Across Comers (B) = 1,980, Weight (lbs) = 0.650</td>
<td>L65</td>
</tr>
<tr>
<td>63</td>
<td>M63 x 1.5</td>
<td>1.748</td>
<td>1.571</td>
<td>425</td>
<td>1.989</td>
<td>2,800, Across Flats (A) = 3,145, Across Comers (B) = 1,510, Weight (lbs) = 1.800</td>
<td>L80</td>
</tr>
<tr>
<td>75</td>
<td>M75 x 1.5</td>
<td>1.748</td>
<td>1.634</td>
<td>425</td>
<td>2.384</td>
<td>3,890, Across Flats (A) = 4,200, Across Comers (B) = 1,732, Weight (lbs) = 1.300</td>
<td>L104</td>
</tr>
</tbody>
</table>

***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.***

***The gland is supplied with the correct amount of the two-part compound, gloves and instructions to allow one complete termination.***

***All brass entry threads are Nickel Plated as standard.***

***Where approval in addition to UL, CSA, ATEX, and IECEx is required, this must be clearly requested at time of enquiry/ order.***

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