### Cable Gland Selection Table

#### Example Part Numbering:

**CABLE GLAND SELECTION TABLE**

**NOTES**

**ACCESSORIES:**

- PVC (ACSPVC) / PCP (ACSPCP) / LSOH Silicone (ACSSIO)
- Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
- IP WASHERS
  - Brass (ACBET) / Stainless Steel (ACSET)
- LOCKNUT
  - Brass (ACBLN) / Stainless Steel (ACSLN)

**MATERIALS:**

- Electroless Nickel

**OPTIONS**

- M20 x 1.5 Male Entry Thread
- Brass (ACBNL) / Stainless Steel (ACSNL)

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC (ACSPVC)</td>
<td>PVC Shroud (C) - PCP Shroud (P) - LSOH Silicone Shroud (3)</td>
</tr>
<tr>
<td>Nylon (ACNSW)</td>
<td>Neoprene Seal (1) - Silicone Seal (3) - Neoprene/Lead (2) - Silicone/Lead (4)</td>
</tr>
<tr>
<td>Stainless Steel (ACSSW)</td>
<td>Neoprene Seal (1) - Silicone Seal (3) - Neoprene/Lead (2) - Silicone/Lead (4)</td>
</tr>
</tbody>
</table>

**CABLE ACCEPTANCE DETAILS**

- **Inner Sheath:** 30°C-90°C +90°C / Silicone Sheaths: 40°C to 130°C

**PRODUCT DESCRIPTION**

- **CR-D type glands are certified Flameproofed CR db, Increased Safety Ex db, 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 20, 21 and 22 for Dust Groups IIB, IIB and IIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEEx.**

**COMPLIANCE STANDARDS:**

- **EN 60204-1, EN 60079-1, EN 60079-15, EN 60079-14, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529-22 (see certificate), CAN/CSA C22.2 No. 60079-17 UL514B, UL 1253, UL1508, ANSIUL 60079-07, ISA 60079-31**

**CERTIFICATION**

- **ATEX**
  - II 2G Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
  - II 2D Ex db IIC / Ex eb IIC / Ex ta IIIC Da
  - II 2Ex Ex nR IIC Gc

- **IECEx**
  - Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIC Da
  - Ex db IIC / Ex eb IIC / Ex ta IIC Da

- **CEC – Canada**
  - Class I Division 2, Groups A, B, C & D
  - Class II Division 1, Groups E, F & G

- **NEC – USA**
  - Class I Zone 1 Ex db / Ex IIIC Da
  - Class II Zone 20 Ex IIIC Da

- **EAC**
  - 1Ex ic IIC X / 2Ex ic IIC X / / Ex nR IIC Gc / Ex ta IIC Da
  - Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIC Da

- **INMETRO – Brazil**
  - Ex db IIC Gb / Ex eb IIC Gb / Ex IIIC Da

- **SAAC – China**
  - Ex IIIC Da
  - Ex IIIC Da

- **UKRAINE**
  - Specified ABS Rules
  - Ex IIIC Da

- **LLOYD’S**
  - Ex IIIC Da

- **RMRS**
  - Ex IIIC Da

**CABLE ACCEPTANCE DETAILS**

- **Flanged Entry Size:** 3/8” to 4”

**PART NUMBERS:**

<table>
<thead>
<tr>
<th>CR</th>
<th>D</th>
<th>B</th>
<th>S</th>
<th>NP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</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 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 cable glands with parallel entry threads that conform to the flameproofed gland 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.

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