Single Compression Gland for armoured cable featuring “CROCKL”

**PART NUMBERS:**

<table>
<thead>
<tr>
<th>C</th>
<th>R</th>
<th>O</th>
<th>B</th>
<th>S</th>
<th>R</th>
</tr>
</thead>
</table>

**PRODUCT DESCRIPTION:**

“CR-O” type glands are certified Increased Safety Ex e and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IB and IIC and additionally for use in Zones 20, 21 and 22 for Dusts Groups IIA, IIB and IIC. Additionally certified for Class I Zone 1 & Class 1 Div 2 installations for use with Marine Shipboard & Tray Cables under NEC & CEC. They provide a controlled environmental seal on the outer sheath and “CROCKL”, a unique non reversible multi clamping system for wires, braid and tape armoured cables. The gland maintains IP66 and is deluge proof without the use of an additional seal. It is supplied with an IP O-ring seal as standard on metric entry threads. Options are available for use with LSZH cables and extreme temperature applications.

**COMPLIANCE STANDARDS:**

- **ATEX**
  - BAS 01ATEX2271X
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- **IECEx**
  - IECex SR 07/0008X
- **CEC - Canada**
  - CSA 1356611
- **NEC - USA**
  - UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7
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  - UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7
- **KCS - Korea**
  - Ex e IC Gb / Ex ta IC Da
  - Ex e IC Gb / Ex ta IC Da
  - Ex e IC Gb / Ex ta IC Da
- **SAC - China**
  - Exe IIU
- **UKRAINE**
  - EAC
  - EAC
  - EAC
- **INMETRO - Brazil**
  - Exe IIU
  - Exe IIU
  - Exe IIU
- **CCoE - India**
  - Exe IIU
  - Exe IIU
  - Exe IIU
- **CSA - China**
  - Exe IIU
- **EAC**
  - Specified ABS Rules
  - Specified ABS Rules
  - Specified ABS Rules
- **LLOYD’S**
  - EoCA (Part 18)
  - EoCA (Part 18)
  - EoCA (Part 18)
- **RMRS**
  - Part II of RS Rules for the classification & construction of sea-going ships (ad. 2014)

**OPTIONS**

- **LATCH**
- **IP WASHERS**
- **SERRATED WASHERS**
- **SHROUDS**
- **PLATING**

### Locknut
- Brass (ACBLN) / Stainless Steel (ACSSL)

### IP WASHERS
- Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)

### SERRATED WASHERS
- Brass (ACBET) / Stainless Steel (ACSET)

### SHROUDS
- NY/PTFE Shroud (ACPSW) / IP WASHERS

### PLATING
- Electroless Nickel

**Gland Acceptance Details**

<table>
<thead>
<tr>
<th>Gland Size</th>
<th>Metric Thread Size</th>
<th>Cable Acceptance Details</th>
</tr>
</thead>
</table>

- **Metric Thread Length [D]**
  - Inner Sheath [C] Outer Sheath [D]
  - Reduced [D] Armour Acceptance Range
  - Nominal Protection Level (L)
  - Dimensions/Weight (Metric Versions)

- **Shroud Size**

**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.
- Peppers supply cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-12 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 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.

Peppers Cable Glands Ltd: www.cableglands.com | Email: sales@peppers.co.uk | Tel: +44 (0) 1276 64232

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**REFERENCE NUMBER:** 1.1.2

| PEPRTRD30 | CR O 1 B | 20 | 50 | 3.0R |

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<table>
<thead>
<tr>
<th>CR</th>
<th>Gland featuring “CROCKL”, single orientation clamping</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>Neoprene Seal (1) - Silicone Seal (3)</td>
</tr>
<tr>
<td>I</td>
<td>Brass (5) - Stainless Steel (5)</td>
</tr>
<tr>
<td>B</td>
<td>Reduced Bore Seal</td>
</tr>
<tr>
<td>C</td>
<td>PVC Shroud (C) - PCT Shroud (P) - LSZH Silicone Shroud (3)</td>
</tr>
<tr>
<td>K/1-H</td>
<td>Locknut, Tag &amp; Nylock (O)</td>
</tr>
<tr>
<td>S</td>
<td>Includes Serrated Washer</td>
</tr>
<tr>
<td>P</td>
<td>Quantity per kit</td>
</tr>
<tr>
<td>N</td>
<td>Nickel Plated (NP)</td>
</tr>
</tbody>
</table>

**PART NUMBERS:**

| C R O 1 B S R |
|---|---|---|---|---|

**SPECIFICATIONS:**

- Dimensions (A) & (B) may differ for glands with non metric entry threads.
- Please refer to our “Thread Reference Tables” for specific dimensions.