## CABLE GLAND SELECTION TABLE

### Optional Accessories:

- Stainless Steel (ACSSW)
- Serrated Washers
- IP Washers
- Earth Tag
- Locknut

- Silicone LSOH
- Plating: Brass or Stainless Steel

### Operating Temp:

- IP66 & IP68 (100 metres - 7 Days), Type 4X & DTS01:1991

### IP Rating:

#### Gland

<table>
<thead>
<tr>
<th>Part Number</th>
<th>M75 x 1.5</th>
<th>M50 x 1.5</th>
<th>M20 x 1.5</th>
<th>M16 x 1.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric</td>
<td>1&quot; or 2.5&quot; or 3&quot;</td>
<td>1&quot; or 2.5&quot; or 3&quot;</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>Max Ø Over Core</td>
<td>35.4</td>
<td>25.0</td>
<td>32.5</td>
<td>20.6</td>
</tr>
<tr>
<td>Max Ø Inner Sheath</td>
<td>34.2</td>
<td>24.0</td>
<td>30.2</td>
<td>18.2</td>
</tr>
<tr>
<td>Standard</td>
<td>Min</td>
<td>Max</td>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td>Max Ø Outer Core</td>
<td>33.0</td>
<td>23.0</td>
<td>28.6</td>
<td>17.6</td>
</tr>
<tr>
<td>Protrusion Length</td>
<td>100-200</td>
<td>23.0</td>
<td>15.0-25.0</td>
<td>13.0-21.0</td>
</tr>
<tr>
<td>Standard</td>
<td>Min</td>
<td>Max</td>
<td>Min</td>
<td>Max</td>
</tr>
<tr>
<td>Min</td>
<td>10.0</td>
<td>11.7</td>
<td>11.5</td>
<td>12.0</td>
</tr>
<tr>
<td>Max</td>
<td>13.5</td>
<td>16.0</td>
<td>16.0</td>
<td>17.6</td>
</tr>
</tbody>
</table>

### CR-C


### PART NUMBERS:

- CR-C
- B
- R
- C
- S

### LOCKNUT

Brass (ACBLN) / Stainless Steel (ACSLSN)

### EARTH TAG

Brass (ACFB) / Stainless Steel (ACSFET)

### IP WASHERS

Nylon (ACNWSN) / Fibre (ACPWSN) / PTFE (ACPSWN)

### SERRATED WASHERS

Stainless Steel (ACSSSW)

### SHROUDS

PCV Shroud (C) - PCP Shroud (P) - Silicone LSOH Shroud (3)

### MATERIALS:

- 1 Quantity per kit

### COMPOUND:

Peppers T-1000 Sealing Compound

### OUTERSEAL:

Silicone LSZH

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### COMPLIANCE STANDARDS:

- EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
- IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-15, IEC 60079-31 & IEC 60529
- C22.2 (see certificate), CAN/CSA 60079-0/1/7, UL514B, UL1203, UL2225, UL50E, ANSUL 60079-0/1/7, SA 60079-31

### PRODUCT DESCRIPTION:

"CR-C" type glands are certified Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex rR and Dust Protected Ex tA. They are suitable for use in Group I, Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIA, IIB and IIC. Occasionally referred to as “potting glands”, they provide a compound barrier for Ex IP seal on the cable inner cores, eliminating damage to cables that exhibit “cold flow” characteristics and an environmental seal on the outer sheath. The unique features include "CROCLOCK®", the non reversible multi-clamping system for wire, braid and tape armoured cables and Peppers T-1000, the sealing compound that enables a quick and easy installation. The innovative barrier chamber provides a cable acceptance that allows for a full inspection of the compound seal. The gland maintains IP66 & IP68 to 100 metres and is deluge proof without the use of an additional seal or deluge boot. It is supplied with an IP 0 ring seal as standard on metric entry threads and options are available for use with lead sheath cables.

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### CABLE ACCEPTANCE DETAILS:

- Armoured Cable featuring Peppers CROCLOCK® & T-1000 Compound
- Double Compression Barrier Gland designed for use with Armoured Cable

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### N O T E S:

- **Gland size does not necessarily equate to the entry thread size.**
- **The IP 0 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 threaded 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 thread form for the entire length.**

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

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**CERTIFICATION No:**

- ATEX
- IECEx
- CE Cet
- China
- EAC
- SAC
- Ukraine
- CCC - India
- Lloyd’s
- Russian RS

**PBFL No:**

- 12400
- 12400
- 12400
- 12400

**COUNCIL No:**

- K 041 006 000/9
- K 041 006 000/10
- K 041 006 000/11

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**CURING TIME:**

- @ 21°C Conductor termination can be effected after 1 hour. Compound chamber can be fully inspected after 4 hours and the equipment then energised.

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**DOUBLE COMPRESSION BARRIER GLAND**

**CR-C**

<table>
<thead>
<tr>
<th>CR-C</th>
<th>C</th>
<th>R</th>
<th>B</th>
<th>S</th>
</tr>
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<tbody>
<tr>
<td>M75</td>
<td>1&quot;</td>
<td>2.5&quot;</td>
<td>3&quot;</td>
<td>3.5&quot;</td>
</tr>
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<td>M50</td>
<td>1&quot;</td>
<td>2.5&quot;</td>
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<td>3.5&quot;</td>
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<td>M20</td>
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<td>1.5&quot;</td>
<td>2&quot;</td>
<td>2.5&quot;</td>
</tr>
<tr>
<td>M16</td>
<td>3/8&quot;</td>
<td>1&quot;</td>
<td>1.25&quot;</td>
<td>1.5&quot;</td>
</tr>
</tbody>
</table>

**REFERENCES:**

- RMRS
- Lloyd’s
- CROC®
- B*

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**CONTACT:**

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

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**PRODUCT TYPE:**

- CR-C

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- CR-C
- B
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- S

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**OPTIONAL ACCESSORIES:**

- Locknut
- Earth Tag
- IP Washers
- Serrated Washers
- Shrouds

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