PRODUCT DESCRIPTION

“CR-S*M” type glands, used in any orientation, are certified Flameproof Ex db and Increased Safety Ex sb, Restricted Breathing Ex nr and Dust Protected Ex Ta. They are suitable for use in Group I Mining, 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. Commonly referred to as a “Conduit Stopper Box”, they are suitable for use with conductors carried in conduit or as a line bushing for terminating flying leads. They provide a compound barrier Ex db & IP seal on the cable inner cores, eliminating damage to cables that exhibit “cold flow” characteristics. The unique features include Peppers T-1000, the sealing compound that enables a quick and easy installation and an innovative barrier chamber that allows for a full inspection of the compound fill. 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 O-ring seal as standard on metric entry threads. The gland is supplied with a male conduit connection thread.

COMPLIANCE STANDARDS:

- IECEx
- CEC - Canada
- SIRA - United Kingdom
- CCC - India
- KCS - Korea
- ABS
- LLOYDS
- RMRS

CERTIFICATION

CABLING APPLICATIONS

- Single Compression Barrier Gland featuring Peppers "T-1000" Compound and Male Conduit Connection Thread

PART NUMBERS:

<table>
<thead>
<tr>
<th>CR</th>
<th>S</th>
<th>R</th>
<th>B</th>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

CABLE GLAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Material</th>
<th>Locknut</th>
<th>Earth Tag</th>
<th>IP Washers</th>
<th>Serrated Washers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass (ACB/LN)</td>
<td>Stainless Steel (ACSLN)</td>
<td>Brass (ACBET)</td>
<td>Stainless Steel (ACSET)</td>
<td>Stainless Steel (ACSSW)</td>
</tr>
</tbody>
</table>

SERRATED WASHERS

Stainless Steel (ACSSW)

COMPOUND:

Peppers T-1000 Sealing Compound

CABLE ACCESSORIES

- SERRATED WASHERS
- LOCKNUT
- Earth Tag
- IP WASHERS

ACCESSORIES:

- CR-SBM20/NP/M20/050NPT

IP RATING:

- IP66 & IP68 (100 metres - 7 Days), Type 4X & DTS01/991

OPERATING TEMP:

- -60°C to +135°C

MATERIALS:

- Brass or Stainless Steel

PLATING:

- Electrosilver Nickel

COMPANY:

Peppers Cable Glands Limited

www.peppers.co.uk  |  Email: sales@peppers.co.uk  |  Tel: +44 (0) 1276 64232

CURING TIME:

- 24°C Conductor temperature cannot be effected after 1 hour. Compound chamber can be fully inspected after 4 hours.

NOTES:

- Gland size does not necessarily equate to the 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 fully.
- 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.
- Gland size does not necessarily equate to the entry thread size.
- The gland is supplied with the complete 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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