CABLE GLAND SELECTION TABLE

### ACCESSORIES:

- **A8CMBFM20/NP/20/M20**
- **Gland Size**
- **Stainless Steel (ACSSW)**
- **SERRATED WASHERS**
- **IP WASHERS**
- **Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)**
- **EARTH TAG**
- **Brass (ACBET) / Stainless Steel (ACSET)**
- **Brass (ACBLN) / Stainless Steel (ACSLN)**
- **LOCKNUT**
- **Plating:**
  - Electroless Nickel
  - Brass or Stainless Steel
- **Materials:**
  - Operating Temp: Silicone Seals -60°C to +180°C
  - IP Rating: IP66 & IP68 (50 metres - 7 Days), Type 4X

### OPTIONS:

- Dimensions (A) & (B) may differ for glands with non metric entry threads.
- 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.
- Dimensions (A) & (B) may differ for glands with non metric entry threads.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands 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.

### COMPLIANCE STANDARDS:

- ATEX: Ex d IIC X / Ex e II X
- IECEx: Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da / Ex nR IIC Gc
- NEC - USA: Class II Zone 20 AEx e IIC Gb / Class II Zone 20 AEx ta IIC Da
- SAC - China: Ex d IC / Ex e IC
- INMETRO - Brazil: Ex d IC Gb / Ex e IC Gb / Ex ta IC Gb / Ex nR IC Gc
- CKCU: Petroleum Rules 2002 (PEPS)
- ABS: Specified ABS Rules
- LLOYD’S: Enclosure Systems (Part 18)
- RMRS: Part XI of RB Rules for the classification & construction of sea-going ships (ed. 2014)

### PART NUMBERS:

- A: 20
- B: M20
- C: M20
- D: NP
- E: 1.5
- F: Male

### CERTIFICATION:

- ATEX: SIRA 01ATEX1270X & SIRA QGATEX1221X
- IECEx: IECEx SRI:05.0020X
- NEC - USA: CSA 2627370
- EAC: RJ-C-OBT608.B.00008
- SAC - China: NCC 13.2187 X
- INMETRO - Brazil: NBR 14.02755.315
- UKRAINE: UA.TR.047.C.0408-13 & 2937
- CCtE - India: PESO P9663002 & P9663008
- ABS: 14-LD403001-1-PDA
- LLOYD’S: 10-000568/B1
- RMRS: 14.02755.315

### Single Compression Gland designed for use with Amoured and Unarmoured Flat Cables and featuring a Male Conduit Connection

**Ex d : Ex e : Ex nR : Ex ta : IP66 : IP68 : Class I Div 2 : AEx e : AEx ta**

**PRODUCT DESCRIPTION:**

“ALLCM” type glands are certified Flameproof Ex d, Increased Safety Ex e, 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 IIA, IIB and IIC. Developed for flat cables, they provide controlledEx d, IP sealing and have been tested to IP66 and IP68 to 50 metres. The “ALLCM” version is designed to accommodate unarmoured and armoured cables where sealing and retention is required only on the outer sheath and additionally provides a male thread for the connection of conduit.

### PRODUCT TYPE A8CM

**REFERENCE NUMBER: 3.3.1**

**CERTIFICATION NO:**

- RMRS 14.02755.315
- LLOYD’S 10-000568/B1
- ATEX SIRA 01ATEX1270X & SIRA QGATEX1221X
- CCoE - India NCC 13.2187 X
- EAC RJ-C-OBT608.B.00008
- INMETRO - Brazil NBR14.02755.315
- NEC - USA CSA 2627370
- IECEx IECEx SRI:05.0020X
- ISA 60079-0/7 & IEC 60529
- IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529
- EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

<table>
<thead>
<tr>
<th>Gland Size</th>
<th>Entry Thread Size</th>
<th>Metric Thread Length (B)</th>
<th>Connection Thread Options</th>
<th>Cable Outer Sheath (D) Width</th>
<th>Thickness (mm)</th>
<th>Nominal Protrusion Length (L)</th>
<th>Across Flats (A)</th>
<th>Across Corners (B)</th>
<th>Weight Kgs</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>6.3</td>
<td>11.7</td>
<td>7.0</td>
<td>31</td>
<td>0.132</td>
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<tr>
<td>20</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>8.1</td>
<td>13.5</td>
<td>6.2</td>
<td>32</td>
<td>0.133</td>
</tr>
<tr>
<td>25</td>
<td>M25 x 1.5</td>
<td>3/4&quot; or 1&quot;</td>
<td>M25 x 1.5</td>
<td>3/4&quot; or 1&quot;</td>
<td>10.6</td>
<td>16.2</td>
<td>4.0</td>
<td>7.0</td>
<td>0.280</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 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.