### Cable Gland/Connector Type 711

#### Unique Rear Sealing System
This arrangement offers IP66, IP67, IP68 (30 metres for 7 days), NEMA 4X and Deluge (DTS01) Ingress Protection. The seal is manufactured from a silicone material, has LSFZH properties, is ozone and oil resistant and is suitable for use at both high and low temperatures. The Rear Sealing System covers the entire range of cable diameters without the need for special seals and the cable acceptance range is stamped on the backnut for ease of inspection. The backnut can be hand tightened, with only one further spanner turn required to ensure IP66, IP67, IP68 and NEMA 4X.

#### Armour Grounding Device
This device provides 360° armour grounding which is fully Inspectable. The grounding device is unique in that it remains in contact with the metal cable jacket when the cable gland /connector is disassembled for inspection.

#### Inspectable Deluge Seal
Hawke’s Inspectable deluge seal offers IP66 and IP67 sealing and is certified as ‘deluge proof’ by ITS in accordance with DTS01. Indeed, Hawke’s deluge seal is so good that it exceeds the expectations of the offshore industry by not only preventing ingress into the equipment, but also into the cable gland, which could potentially corrode the cable armour.
### Cable Glands

**North American Cable Glands/Connectors**

**Explosion Proof**

IECEx and ATEX Approved Flameproof Exd,
Increased Safety Exe and Restricted Breathing ExnR

*(Note: Dual Marked UL & ATEX as standard)*.

#### Features

- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

#### Application

- Outdoor or indoor use.
- For use with non-armoured cable, as permitted by the NEC.
- See technical section for installation rules and regulations.

### Cable Gland / Connector Type

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>NPT Standard or Option</th>
<th>Metric * Entry Thread Size</th>
<th>Cable Acceptance Details</th>
<th>‘G’ Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inner Jacket / Cores</td>
<td>Across Flats Across Corners</td>
</tr>
<tr>
<td>Os ½&quot;</td>
<td>M20¹</td>
<td>0.35&quot;</td>
<td>0.39&quot;</td>
<td>6</td>
</tr>
<tr>
<td>O ½&quot;</td>
<td>M20¹</td>
<td>0.35&quot;</td>
<td>0.39&quot;</td>
<td>6</td>
</tr>
<tr>
<td>A ½&quot; or ¾&quot;</td>
<td>M20</td>
<td>0.43&quot;</td>
<td>0.64&quot;</td>
<td>10</td>
</tr>
<tr>
<td>B ¾&quot; or 1&quot;</td>
<td>M25</td>
<td>0.64&quot;</td>
<td>0.93&quot;</td>
<td>21</td>
</tr>
<tr>
<td>C 1&quot; or 1¼&quot;</td>
<td>M32</td>
<td>0.86&quot;</td>
<td>1.23&quot;</td>
<td>42</td>
</tr>
<tr>
<td>C2 1¼&quot; or 1½&quot;</td>
<td>M40</td>
<td>1.04&quot;</td>
<td>1.59&quot;</td>
<td>60</td>
</tr>
<tr>
<td>D 2&quot; or 1½&quot;</td>
<td>M50</td>
<td>1.46&quot;</td>
<td>1.96&quot;</td>
<td>80</td>
</tr>
<tr>
<td>E 2½&quot; or 2&quot;</td>
<td>M63</td>
<td>1.88&quot;</td>
<td>2.55&quot;</td>
<td>100</td>
</tr>
<tr>
<td>F 3&quot; or 2½&quot;</td>
<td>M75</td>
<td>2.32&quot;</td>
<td>2.98&quot;</td>
<td>120</td>
</tr>
<tr>
<td>H² 3½&quot;</td>
<td>M90</td>
<td>2.79&quot;</td>
<td>3.12&quot;</td>
<td>120</td>
</tr>
</tbody>
</table>

### Ordering Information

**Format for ordering is as follows:**

<table>
<thead>
<tr>
<th>Cable Gland / Connector Type</th>
<th>Size</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>710</td>
<td>C</td>
<td>1&quot; NPT</td>
</tr>
</tbody>
</table>

Two part sealing compound and assembly instructions are supplied with the cable gland.

---

¹ Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner jacket diameter is 0.43".

² UL approved only

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**Technical Data**

- UL Listing No: E84940.
- Suitable for use in:
  - Class 1, Division 2, Gas Groups A, B, C and D
  - Class 1, Zone 2, Gas Groups IIA, IIB and IIC
  - AExd IIC and AExe II Class 1, Zone 2.
  - Flameproof Exd, Increased Safety Exe II 2 GD and Restricted Breathing ExnR II 2G.
  - Certificate No’s: Sira 06ATEX1295X and IECEx SIR 06.0082X.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -50°C to +60°C (UL) and -60°C to +80°C (ATEX / IECEx).
- Assembly Instruction Sheet: AI 316 (UL) and AI 391 (ATEX / IECEx).
- Alternative certification options available:
  - DNV Marine Approval
  - ABS Marine Approval

**Features**

- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

**Connection Solutions**

www.ehawke.com
Cable Glands
North American Cable Glands/Connectors

Explosion Proof
IECEx and ATEX Approved Flameproof Exd,
Increased Safety Exe and Restricted Breathing ExnR
(Note: Dual Marked UL & ATEX as standard).

Ordering Information
Format for ordering is as follows:

<table>
<thead>
<tr>
<th>Cable Gland / Connector Type</th>
<th>Size</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>711</td>
<td>C</td>
<td>1&quot; NPT</td>
</tr>
</tbody>
</table>

Two part sealing compound and assembly instructions are supplied with the cable gland.

CABLE GLAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Entry Thread Size</th>
<th>Metric *</th>
<th>Inner Jacket / Cores</th>
<th>Outer Jacket 'B'</th>
<th>'G'</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPT Standard or Option</td>
<td>Ø 'B'</td>
<td>Ø 'D'</td>
<td>Ø 'E'</td>
<td>Min.</td>
</tr>
<tr>
<td>A ½&quot; or ¾&quot;</td>
<td>M20</td>
<td>0.43&quot;</td>
<td>0.41&quot;</td>
<td>0.64&quot;</td>
</tr>
<tr>
<td>B ¾&quot; or 1&quot;</td>
<td>M25</td>
<td>0.64&quot;</td>
<td>0.49&quot;</td>
<td>0.93&quot;</td>
</tr>
<tr>
<td>C 1&quot; or 1¼&quot;</td>
<td>M32</td>
<td>0.86&quot;</td>
<td>0.85&quot;</td>
<td>1.23&quot;</td>
</tr>
<tr>
<td>C2 1¼&quot; or 1½&quot;</td>
<td>M40</td>
<td>1.04&quot;</td>
<td>1.17&quot;</td>
<td>1.59&quot;</td>
</tr>
<tr>
<td>D 2&quot; or 1½&quot;</td>
<td>M50</td>
<td>1.46&quot;</td>
<td>1.37&quot;</td>
<td>1.96&quot;</td>
</tr>
<tr>
<td>E 2½&quot; or 2&quot;</td>
<td>M63</td>
<td>1.88&quot;</td>
<td>1.76&quot;</td>
<td>2.55&quot;</td>
</tr>
<tr>
<td>F 3&quot; or 2½&quot;</td>
<td>M75</td>
<td>2.32&quot;</td>
<td>2.29&quot;</td>
<td>2.98&quot;</td>
</tr>
<tr>
<td>H¹ 3½&quot;</td>
<td>M90</td>
<td>2.79&quot;</td>
<td>2.93&quot;</td>
<td>3.47&quot;</td>
</tr>
</tbody>
</table>

All dimensions in inches (except * where dimensions are in millimetres). A - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering

¹ UL approved only.

Technical Data
- UL Listing No: E84940.
- Suitable for use in:
  - Class 1, Division 1, Gas Groups A, B, C and D
  - Class 1, Zone 2, Gas Groups II A, II B and IIC
  - AExd IIC and AExe II Class 1, Zone 2.
  - Flameproof Exd, Increased Safety Exe IIC and AExnR II Class 1, Zone 2.
  - Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups II A, II B and IIC.
  - Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
  - Deluge Protection to DTS01.
  - Operating Temperature Range: -50°C to +60°C (UL) and -60°C to +80°C (ATEX / IECEx).
  - Assembly Instruction Sheet: AI 317 (UL) and AI 338 (ATEX / IECEx).
  - Alternative certification options available:
    - DNV Marine Approval
    - ABS Marine Approval

Features
- Provides 360° armour grounding which is fully Inspectable.
- Grounding Device remains in contact with cable when disassembled for inspection.
- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Connection Solutions
www.ehawke.com
Cable Glands
North American Cable Glands/Connectors

Explosion Proof
IECEx and ATEX Approved Flameproof Exd, Increased Safety Exe and Restricted Breathing ExnR
(Note: Dual Marked UL & ATEX as standard).

Features
• Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
• Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
• Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
• Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Application
• Outdoor or indoor use.
• For use with braid armoured marine shipboard jacketed or non-jacketed cable.
• See technical section for installation rules and regulations.

Technical Data
• UL Listing No: E84941.
• Suitable for use in:
  - Class 1, Division 1, Gas Groups A, B, C and D
  - Class 1, Zone 2, Gas Groups II A, II B, and II C
  - AExd IIC and AEXe II Class 1, Zone 2.
  - Flameproof Exd, Increased Safety Exe II 2 GD and Restricted Breathing ExnR II 3G.
• Certificate No’s: Sira 06ATEX1295X and IECEx SIR 06.0082X.
• Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups II A, II B, and II C.
• Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
• Deluge Protection to DTS01.
• Operating Temperature Range: -50°C to +60°C (UL) and -60°C to +80°C (ATEX / IECEx).
• Assembly Instruction Sheet: AI 318/339 (UL) and AI 373 (ATEX / IECEx).
• Alternative certification options available:
  - DNV Marine Approval
  - ABS Marine Approval
  - GOST R-Exe IIU

Features
• Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
• Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
• Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
• Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
• Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
• Brass NPT entries are nickel plated as standard.

Ordering Information
Format for ordering is as follows:

<table>
<thead>
<tr>
<th>Cable Gland / Connector Type</th>
<th>Size</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>753</td>
<td>C</td>
<td>1&quot; NPT</td>
</tr>
</tbody>
</table>

Two part sealing compound and assembly instructions are supplied with the cable gland.
Ordering Information

Format for ordering is as follows:

<table>
<thead>
<tr>
<th>Cable Gland / Connector Type</th>
<th>Size</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>755</td>
<td>C</td>
<td>1” NPT</td>
</tr>
</tbody>
</table>

Two part sealing compound and assembly instructions are supplied with the cable gland.

Features

- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Notes:
1. Smaller value is applicable when selecting standard NPT entry option.
2. Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner jacket diameter is 0.43 in.
3. UL listing only applies to Steel Wire Armour.

Cable Gland Selection Table

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>NPT Standard or Option</th>
<th>Metric*</th>
<th>Entry Thread Size</th>
<th>Inner Jacket / Cores</th>
<th>Outer Jacket 'B'</th>
<th>'C'</th>
<th>Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Os</td>
<td>½” or ¾”</td>
<td>M20</td>
<td>0.35”</td>
<td>0.46”</td>
<td>6</td>
<td>0.22”</td>
<td>0.47”</td>
</tr>
<tr>
<td>O</td>
<td>½” or ¾”</td>
<td>M20</td>
<td>0.35”</td>
<td>0.46”</td>
<td>6</td>
<td>0.37”</td>
<td>0.63”</td>
</tr>
<tr>
<td>A</td>
<td>⅜” or ⅝”</td>
<td>M20</td>
<td>0.43”</td>
<td>0.49”</td>
<td>10</td>
<td>0.49”</td>
<td>0.81”</td>
</tr>
<tr>
<td>B</td>
<td>⅜” or ⅝”</td>
<td>M25</td>
<td>0.64”</td>
<td>0.72”</td>
<td>21</td>
<td>0.66”</td>
<td>1.02”</td>
</tr>
<tr>
<td>C</td>
<td>⅞” or 1½”</td>
<td>M32</td>
<td>0.86”</td>
<td>0.97”</td>
<td>42</td>
<td>0.87”</td>
<td>1.30”</td>
</tr>
<tr>
<td>C2</td>
<td>⅞” or 1½”</td>
<td>M40</td>
<td>1.04”</td>
<td>1.16”</td>
<td>60</td>
<td>1.10”</td>
<td>1.61”</td>
</tr>
<tr>
<td>D</td>
<td>⅞” or 1½”</td>
<td>M50</td>
<td>1.46”</td>
<td>1.64”</td>
<td>80</td>
<td>1.42”</td>
<td>2.07”</td>
</tr>
<tr>
<td>E</td>
<td>⅞” or 1½”</td>
<td>M63</td>
<td>1.88”</td>
<td>2.11”</td>
<td>100</td>
<td>1.81”</td>
<td>2.57”</td>
</tr>
<tr>
<td>F</td>
<td>2” or 2½”</td>
<td>M75</td>
<td>2.32”</td>
<td>2.61” / 2.57”</td>
<td>120</td>
<td>2.24”</td>
<td>3.07”</td>
</tr>
</tbody>
</table>

All dimensions in inches (except * where dimensions are in millimetres). Metric entry threads are 1.5mm pitch as standard, 15mm length of thread.

Technical Data

- UL Listing No: E84940.
- Suitable for use in:
  - Class 1, Division 2, Gas Groups A, B, C and D
  - Class 1, Zone 2, Gas Groups IIA, IIB and IIC
  - AExd IIC and AExe II Class 1, Zone 2.
- Flameproof Exd, Increased Safety Exe and Restricted Breathing ExnR (Note: Dual Marked UL & ATEX as standard).
- Certificate No's: Sira 06ATEX1295X and IECEx SIR 06.0082X.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DT501.
- Operating Temperature Range: -50°C to +60°C (UL) and -60°C to +80°C (ATEX / IECEx).
- Assembly Instruction Sheet: AI 319 (UL) and AI 382 (ATEX / IECEx).
- Alternative certification options available:
  - DNV Marine Approval
  - ABS Marine Approval
  - GOST R-Exe IIU

Application

- Outdoor or indoor use.
- For use with armoured jacketed cable, as permitted by the NEC.
- See technical section for installation rules and regulations.

Notes:

1. Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner jacket diameter is 0.43 in.
2. UL listing only applies to Steel Wire Armour.
**Cable Glands**

**North American Cable Glands/Connectors**

**General Purpose**

**Features**
- Provides armour clamping for marine shipboard cable.
- Provides a seal on the cables inner jacket.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured black to indicate General Purpose product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

**Application**
- Outdoor or indoor use.
- For use with armoured marine shipboard jacketed or non-jacketed cable.
- See technical section for installation rules and regulations.

---

**CABLE GLAND SELECTION TABLE**

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>NPT Standard or Option</th>
<th>Metric *</th>
<th>Entry Thread Size</th>
<th>Cable Acceptance Details</th>
<th>Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Os</td>
<td>½&quot;</td>
<td>M20°</td>
<td>0.12&quot; 0.31&quot;</td>
<td>0.22&quot; 0.47&quot; 0.008&quot;/0.013&quot; 2.04&quot; 0.94&quot; 1.04&quot;</td>
<td>Across Flats Across Corners</td>
</tr>
<tr>
<td>O</td>
<td>½&quot;</td>
<td>M20°</td>
<td>0.30&quot; 0.46&quot;</td>
<td>0.37&quot; 0.63&quot; 0.008&quot;/0.013&quot; 2.04&quot; 0.94&quot; 1.04&quot;</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>½&quot; or ¾&quot;</td>
<td>M20</td>
<td>0.44&quot; 0.56&quot; 0.34&quot;</td>
<td>0.49&quot; 0.81&quot; 0.008&quot;/0.013&quot; 2.08&quot; 1.18&quot; 1.28&quot;</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>¼&quot; or 1&quot;</td>
<td>M25</td>
<td>0.52&quot; 0.79&quot; 0.38&quot;</td>
<td>0.60&quot; 1.02&quot; 0.008&quot;/0.013&quot; 2.74&quot; 1.42&quot; 1.55&quot;</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>⅜&quot; or ⅛&quot;</td>
<td>M32</td>
<td>0.75&quot; 1.04&quot; 0.61&quot;</td>
<td>0.83&quot; 1.30&quot; 0.008&quot;/0.013&quot; 2.52&quot; 1.81&quot; 1.98&quot;</td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td>1¼&quot; or 1½&quot;</td>
<td>M40</td>
<td>0.99&quot; 1.27&quot; 0.87&quot;</td>
<td>1.10&quot; 1.61&quot; 0.008&quot;/0.013&quot; 2.69&quot; 2.17&quot; 2.38&quot;</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>2&quot; or 1½&quot;</td>
<td>M50</td>
<td>1.24&quot; 1.74&quot;/1.67&quot;</td>
<td>1.09&quot; 1.42&quot; 0.008&quot;/0.013&quot; 3.11&quot; 2.56&quot; 2.78&quot;</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>2½&quot; or 2&quot;</td>
<td>M63</td>
<td>1.68&quot; 2.21&quot;/2.14&quot;</td>
<td>1.54&quot; 1.81&quot; 0.008&quot;/0.013&quot; 3.10&quot; 3.15&quot; 3.46&quot;</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>3&quot; or 2½&quot;</td>
<td>M75</td>
<td>2.15&quot; 2.67&quot;/2.57&quot;</td>
<td>1.91&quot; 2.24&quot; 0.008&quot;/0.013&quot; 3.29&quot; 3.74&quot; 4.09&quot;</td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>3½&quot; or 3&quot;</td>
<td>M90</td>
<td>2.64&quot; 3.06&quot;</td>
<td>- - 2.96&quot; 3.52&quot; 0.008&quot;/0.013&quot; 4.80&quot; 4.53&quot; 5.23&quot;</td>
<td></td>
</tr>
</tbody>
</table>

All dimensions in inches (except * where dimensions are in millimetres). Os - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

1 Smaller value is applicable when selecting reduced NPT entry option.
2 Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner jacket diameter is 0.43".
3 UL approved only.

**Technical Data**
- UL Listed for use Wet Locations.
- UL Listing No: E218332.
- Construction and Test Standards: UL 514B.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -50°C to +60°C.
- Assembly Instruction Sheet: AI 341.
- Alternative certification options available:
  - DNV Marine Approval
  - ABS Marine Approval

**Features**
- Provides armour clamping for marine shipboard cable.
- Provides a seal on the cables inner jacket.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured black to indicate General Purpose product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

**Ordering Information**

Format for ordering is as follows: Alternate Clamping Ring (S), add suffix S to ordering information.

### Cable Gland / Connector Type

<table>
<thead>
<tr>
<th>Size</th>
<th>Thread (OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>153</td>
<td>CX M32 S</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Thread (OPTIONAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>153</td>
<td>CX 1°NPT S</td>
</tr>
</tbody>
</table>
### Application
- Outdoor or indoor use.
- For use with continuous corrugated aluminium and interlocked steel Metal Clad MC and Teck type cables.
- See technical section for installation rules and regulations.

### CABLE GLAND SELECTION TABLE

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Entry Thread Size</th>
<th>Metric *</th>
<th>Armour Jacket 'E'</th>
<th>Outer Jacket 'B'</th>
<th>'G' Approx (Fully Compressed Length)</th>
<th>Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>NPT</td>
<td>Min.</td>
<td>Max.</td>
<td>Min.</td>
<td>Max.</td>
</tr>
<tr>
<td>A</td>
<td>½&quot; or ¾&quot;</td>
<td>M20</td>
<td>0.41&quot;</td>
<td>0.64&quot;</td>
<td>0.49&quot;</td>
<td>0.81&quot;</td>
</tr>
<tr>
<td>B</td>
<td>¾&quot; or 1&quot;</td>
<td>M25</td>
<td>0.49&quot;</td>
<td>0.93&quot;</td>
<td>0.66&quot;</td>
<td>1.02&quot;</td>
</tr>
<tr>
<td>C</td>
<td>1&quot; or 1¼&quot;</td>
<td>M32</td>
<td>0.85&quot;</td>
<td>1.23&quot;</td>
<td>0.87&quot;</td>
<td>1.30&quot;</td>
</tr>
<tr>
<td>C2</td>
<td>1¼&quot; or 1½&quot;</td>
<td>M40</td>
<td>1.17&quot;</td>
<td>1.59&quot;</td>
<td>1.10&quot;</td>
<td>1.61&quot;</td>
</tr>
<tr>
<td>D</td>
<td>2&quot; or 1½&quot;</td>
<td>M50</td>
<td>1.37&quot;</td>
<td>1.96&quot;</td>
<td>1.42&quot;</td>
<td>2.07&quot;</td>
</tr>
<tr>
<td>E</td>
<td>2½&quot; or 2&quot;</td>
<td>M63</td>
<td>1.76&quot;</td>
<td>2.55&quot;</td>
<td>1.81&quot;</td>
<td>2.57&quot;</td>
</tr>
<tr>
<td>F</td>
<td>3&quot; or 2½&quot;</td>
<td>M75</td>
<td>2.29&quot;</td>
<td>2.98&quot;</td>
<td>2.24&quot;</td>
<td>3.07&quot;</td>
</tr>
<tr>
<td>H</td>
<td>3½&quot;</td>
<td>M90</td>
<td>2.93&quot;</td>
<td>3.47&quot;</td>
<td>3.07&quot;</td>
<td>3.52&quot;</td>
</tr>
</tbody>
</table>

*All dimensions in inches (except * where dimensions are in millimetres). A - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

### Technical Data
- UL Listed for use Wet Locations.
- Certificate / Listing No: E165706.
- Construction and Test Standards: UL 514B.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -50°C to +60°C.
- Assembly Instruction Sheet: AI 315/342.
- Alternative certification options available:
  - DNV Marine Approval
  - ABS Marine Approval

### Features
- Provides 360° armour grounding which is fully Inspectable.
- Grounding Device remains in contact with cable when disassembled for inspection.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured black to indicate General Purpose product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

### Ordering Information
Format for ordering is as follows:

<table>
<thead>
<tr>
<th>Cable Gland / Connector Type</th>
<th>Size</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>701</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>