CMP RAIL
CABLE GLANDS & CABLE CLEATS
QUALITY, SAFETY, RELIABILITY

CMP Products designs and manufactures a wide range of cable glands and accessories, approved for use in the London Underground (LUL) network, as well as product designed and tested for Network Rail. The CMP ‘SOLO’ brand in particular, is a trusted reliable solution which has been deployed globally for over 20 years. All SOLO products and accessories are LSF Halogen-Free and have been 3rd party certified by both LUL and IEC.

The outstanding safety benefits of LSF Halogen-Free materials and the stringent test procedures of carried out, ensure that quality, safety and reliability are guaranteed to meet or exceed the demands of both underground and overground rail installations.

SAFE & SECURE CABLE CLEATS

Cable cleats are essential when installing cables within the rail industry in order to ensure the safety of passengers, staff, infrastructure and the longevity of the cable’s useful life. All of our cleats are independently tested in accordance with IEC 61914, giving engineers, passengers and personnel peace of mind.

CMP cable cleats are carefully designed and independently tested to give our customers confidence that in the event of a short circuit, they contain the cables without causing harm to people, vehicles or equipment. These ensure the retention and support of cables and conductors, reducing the load the cable might be exposed to.

CMP’s cable cleats are manufactured from high quality materials, with excellent flame retardant properties, all of which have been approved to London Underground (LUL) Standard 1-085 meaning that engineers can specify CMP’s cable cleats confidently.

As with our cable glands, all of the CMP polymeric and composite (metallic with polymer parts) cable cleats have been tested in accordance with various standards that relate to flame propagation, vertical burning, flammability (oxygen index), halogen gas, toxic fume, and smoke emissions tests.

CMP provides cable cleats in all required materials, for all cable formations and carry some of the highest short circuit resistances on the market.

For more information and to download datasheets visit www.cmp-products.com or contact CMP: Tel: +44 191 265 7411. E-Mail: customerservices@cmp-products.com
<table>
<thead>
<tr>
<th>PRODUCT MATRIX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SOLO CABLE GLANDS</strong></td>
</tr>
<tr>
<td><strong>CABLE CLEATS</strong></td>
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</table>

<table>
<thead>
<tr>
<th>PRODUCT TYPE</th>
<th>No Seal</th>
<th>Single Seal</th>
<th>Double Seal</th>
<th>Single Seal with Insulated Adaptor</th>
<th>1 &amp; 2 bolt Polymer</th>
<th>1 &amp; 2 bolt Metallic</th>
<th>1 &amp; 2 bolt High Temperature</th>
<th>Strap</th>
<th>Hinged</th>
<th>Range-taking Hinged</th>
<th>Hinged</th>
<th>Hinged</th>
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<tbody>
<tr>
<td>APPROVALS</td>
<td>LUL 1-085</td>
<td>LUL 1-085</td>
<td>LUL 1-085</td>
<td>LUL 1-085 Network Rail</td>
<td>LUL 1-085</td>
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<tr>
<td>PRODUCT SIZE RANGE</td>
<td>M20 - M75</td>
<td>M20 - M75</td>
<td>M16 - M130</td>
<td>M16 - M130</td>
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<tr>
<td>CABLE TYPE</td>
<td>Steel Wire Armour</td>
<td>Braided &amp; Steel Wire Armour</td>
<td>Unarmoured or Conduit Connection</td>
<td>Unarmoured</td>
<td>Approved Cables</td>
<td>Approved Cables</td>
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<tr>
<td>CABLE SIZE RANGE (mm)</td>
<td>11.7-82.9</td>
<td>6.1-78.4</td>
<td>6.1-123.2</td>
<td>3.2-114.9</td>
<td>6.1-56</td>
<td>10-57</td>
<td>38-135</td>
<td>10-71</td>
<td>38-131</td>
<td>10-71-38-19</td>
<td>21-145***</td>
<td>19-128</td>
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<td>MAX SPHRT CIRCUIT TESTED (kA Peak)**</td>
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<td>N/A</td>
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<td>LATERAL LOAD AXIAL LOAD</td>
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<tr>
<td>AVAILABLE MATERIALS</td>
<td>BRASS</td>
<td>Brass / Nickel Plated Brass</td>
<td>Brass / Nickel Plated Brass</td>
<td>Brass / Nickel Plated Brass with LSF Adaptor</td>
<td>nylon / LUL polymer</td>
<td>Cast Aluminium</td>
<td>High Temperature Stainless Steel</td>
<td>Stainless Steel</td>
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<td>Stainless Steel</td>
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<tr>
<td>TEMPERATURE RANGE (°C)</td>
<td>-60 to 200</td>
<td>-60 to 130</td>
<td>-60 to 130</td>
<td>-60 to 130</td>
<td>-40 to 60</td>
<td>-40 to 950</td>
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<td>ADDITIONAL BENEFITS</td>
<td>EMC Protected</td>
<td>EMC Protected Easy Install</td>
<td>EMC Protected Easy Install</td>
<td>Easy Install IP66</td>
<td>Easy Install IP66</td>
<td>Certified to IEC 61914 stackable</td>
<td>Certified to IEC 61914 stackable</td>
<td>Certified to IEC 61914 Polymer Parts All LSF</td>
<td>Certified to IEC 61914 Polymer Parts All LSF</td>
<td>Certified to IEC 61914 Polymer Parts All LSF</td>
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* Shown as example, visit www.cmp-products.com for specific ordering references.
** Visit www.cmp-products.com for specific information, rating depends on product type, formation and centre distances. ALL PRODUCTS 3RD PARTY TESTED
*** Dependent on cable formation
As a market-leading specialist designer and manufacturer of cable glands, cable cleats and accessories, CMP has been providing safe and innovative solutions to the global market for over 60 years; gaining an international reputation for quality and reliability.

Our products are developed to suit a wide range of customers’ hazardous and industrial applications across industries such as rail, transport, oil & gas, mining and construction. They have been designed and rigorously tested to cover a variety of international codes, standards and approvals.

A network of distributors located throughout the world and readily available stock inventories, ensures that our stock is available to customers in every continent.

Reinforced with exceptional customer service and innovative solutions; CMP offers on-hand technical support and training from our experts located in 10 offices worldwide.

**About CMP**

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