Mounts with round design, self adhesive

These mounts are ideal for use in applications which are difficult to access or for areas where self adhesive is the only possible fixing method and fixing holes would be unacceptable. The round self adhesive mounts can be used without cable ties. Offering process optimization in industries like automotive, bus and truck, construction vehicles or industrial building.

Features and benefits
• One-piece self adhesive mount for quick and easy installation
• Can be used without cable ties offering process optimization
• Designed to hold wires, cables or hoses
• Different sizes for various bundle diameters available
• Two types of adhesive can be offered

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Width (W)</th>
<th>Width (W2)</th>
<th>Length (L)</th>
<th>Height (H)</th>
<th>Bundle Ø max.</th>
<th>Material</th>
<th>Colour</th>
<th>Adhesive</th>
<th>Article-No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RA3</td>
<td>13.0</td>
<td>5.0</td>
<td>13.0</td>
<td>5.0</td>
<td>3.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>Synthetic rubber T60</td>
<td>151-13018</td>
</tr>
<tr>
<td>RA6APT-I</td>
<td>19.0</td>
<td>5.0</td>
<td>19.0</td>
<td>9.0</td>
<td>6.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>mod. Acrylate</td>
<td>151-01635</td>
</tr>
<tr>
<td>RA6</td>
<td>19.0</td>
<td>5.0</td>
<td>19.0</td>
<td>9.0</td>
<td>6.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>Synthetic rubber T60</td>
<td>151-13019</td>
</tr>
<tr>
<td>RA9</td>
<td>19.0</td>
<td>7.5</td>
<td>19.0</td>
<td>12.5</td>
<td>9.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>Synthetic rubber T60</td>
<td>151-13020</td>
</tr>
<tr>
<td>RA13APT-I</td>
<td>25.0</td>
<td>10.0</td>
<td>25.0</td>
<td>16.5</td>
<td>13.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>mod. Acrylate</td>
<td>151-01636</td>
</tr>
<tr>
<td>RA13</td>
<td>25.0</td>
<td>10.0</td>
<td>25.0</td>
<td>16.5</td>
<td>13.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>Synthetic rubber T60</td>
<td>151-13021</td>
</tr>
<tr>
<td>RA18</td>
<td>28.5</td>
<td>10.0</td>
<td>28.5</td>
<td>23.0</td>
<td>18.0</td>
<td>PA66</td>
<td>Natural (NA)</td>
<td>Synthetic rubber T60</td>
<td>151-13119</td>
</tr>
</tbody>
</table>

All dimensions in mm. Subject to technical changes.

For more information on the types of adhesive please see page 134.
# Material Specification Overview

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Material Shortcut</th>
<th>Operating Temperature</th>
<th>Colour**</th>
<th>Flammability</th>
<th>Material Properties*</th>
<th>Material Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium-alloy</td>
<td>AL</td>
<td>-40 °C to +180 °C</td>
<td>Natural (NA)</td>
<td></td>
<td>• Corrosion resistant • Antimagnetic</td>
<td>RoHS</td>
</tr>
<tr>
<td>Chloroprene</td>
<td>CR</td>
<td>-20 °C to +80 °C</td>
<td>Black (BK)</td>
<td></td>
<td>• Weather-resistant • High yield strength</td>
<td>RoHS</td>
</tr>
<tr>
<td>Ethylene Tetrafluoroethylene (Tefzel®)</td>
<td>E/TFE</td>
<td>-80 °C to +170 °C</td>
<td>Blue (BU)</td>
<td>UL 94 V0</td>
<td>• Resistance to radioactivity • UV- resistant, not moisture sensitive • Good chemical resistance to acids, bases, oxidizing agents</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyacetal</td>
<td>POM</td>
<td>-40 °C to +90 °C, (+110 °C, 500 h)</td>
<td>Natural (NA)</td>
<td>UL 94 HB</td>
<td>• Limited brittleness sensitivity • Flexible at low temperature • Not moisture sensitive • Robust on impacts</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 11</td>
<td>PA11</td>
<td>-40 °C to +85 °C, (+105 °C, 500 h)</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Bio-plastic, derived from vegetable oil • Strong impact resistance at low temperature • Very low moisture absorption • Weather-resistant • Good chemical resistance</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 12</td>
<td>PA12</td>
<td>-40 °C to +85 °C, (+105 °C, 500 h)</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Good chemical resistance to acids, bases, oxidizing agents • UV- resistant</td>
<td>HF</td>
</tr>
<tr>
<td>Polyamide 4.6</td>
<td>PA46</td>
<td>-40 °C to +150 °C (5000 h), +195 °C (500 h)</td>
<td>Natural (NA), Grey (GY)</td>
<td>UL 94 V2</td>
<td>• Resistance to high temperatures • Very moisture sensitive • Low smoke sensitivity</td>
<td>HF, LFH, RoHS</td>
</tr>
<tr>
<td>Polyamide 6</td>
<td>PA6</td>
<td>-40 °C to +80 °C</td>
<td>Black (BK)</td>
<td>UL 94 V2</td>
<td>• High yield strength</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 6, high impact modified</td>
<td>PA6HIR</td>
<td>-40 °C to +80 °C</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Limited brittleness sensitivity • Higher flexibility at low temperature</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6</td>
<td>PA66</td>
<td>-40 °C to +85 °C, (+105 °C, 500 h)</td>
<td>Black (BK), Natural (NA)</td>
<td>UL 94 V2</td>
<td>• High yield strength</td>
<td>HF, RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, glass-fibre reinforced</td>
<td>PA66GF13, PA66GF15</td>
<td>-40 °C to +105 °C</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Good resistance to lubricants, vehicle fuel, salt water and a lot of solvent</td>
<td>HF, RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, heat and UV stabilised</td>
<td>PA66HSW</td>
<td>-40 °C to +105 °C</td>
<td>Black (BK)</td>
<td>UL 94 V2</td>
<td>• High yield strength • Modified elevated max. temperature • UV-resistant</td>
<td>HF, RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, heat stabilised</td>
<td>PA66S</td>
<td>-40 °C to +105 °C</td>
<td>Black (BK), Natural (NA)</td>
<td>UL 94 V2</td>
<td>• High yield strength • Modified elevated max. temperature</td>
<td>HF, RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, high impact modified</td>
<td>PA66HIR</td>
<td>-40 °C to +80 °C, (+105 °C, 500 h)</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Limited brittleness sensitivity • Higher flexibility at low temperature</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, high impact modified, heat and UV stabilised</td>
<td>PA66HIRHSW</td>
<td>-40 °C to +110 °C</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Limited brittleness sensitivity • Higher flexibility at low temperature • Modified elevated max. temperature • High yield strength, UV-resistant</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, high impact modified, heat stabilised</td>
<td>PA66HIRHS</td>
<td>-40 °C to +105 °C</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Limited brittleness sensitivity • Higher flexibility at low temperature • Modified elevated max. temperature</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, high impact modified, ScanBlack</td>
<td>PA66HIR(S)</td>
<td>-40 °C to +80 °C, (+105 °C, 500 h)</td>
<td>Black (BK)</td>
<td>UL 94 HB</td>
<td>• Limited brittleness sensitivity • Higher flexibility at low temperature</td>
<td>RoHS</td>
</tr>
<tr>
<td>Polyamide 6.6, UV-resistant</td>
<td>PA66W</td>
<td>-40 °C to +85 °C, (+105 °C, 500 h)</td>
<td>Black (BK)</td>
<td>UL 94 V2</td>
<td>• High yield strength • UV-resistant</td>
<td>HF, RoHS</td>
</tr>
</tbody>
</table>
## Cable Ties and Fixings
### Material Information

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Material Shortcut</th>
<th>Operating Temperature</th>
<th>Colour**</th>
<th>Flammability</th>
<th>Material Properties*</th>
<th>Material Specifications</th>
</tr>
</thead>
</table>
| Polyamide 6.6, with metal particles | PA66MP | -40 °C to +85 °C, (+105 °C, 500 h) | Blue (BU) | UL 94 HB | • High yield strength  
• Metal and X-Ray detectable | HF  
RoHS  
RoHs |
| Polyamide 6.6, with metal particles | PA66MP+ | -40 °C to +85 °C | Blue (BU) | not flame retardant | • High yield strength  
• Metal and x-ray detectable | HF  
RoHS  
RoHs |
| Polyamide 6.6 V0 | PA66V0 | -40 °C to +85 °C | White (WH) | UL 94 V0 | • High yield strength  
• Low smoke emission | HF  
LFH  
RoHS |
| Polyester | SP | -50 °C to +150 °C | Black (BK) | halogen free | • UV-resistant  
• Good chemical resistance to: most acids, alkali and oils | HF  
LFH  
RoHS |
| Polyetheretherketone | PEEK | -55 °C to +240 °C | Beige (BGE) | UL 94 V0 | • Resistance to radioactivity  
• Not moisture sensitive  
• Good chemical resistance to: acids, bases, oxidizing agents | HF  
LFH  
RoHS |
| Polyethylene | PE | -40 °C to +50 °C | Black (BK), Grey (GY) | UL 94 HB | • Low moisture absorption  
• Good chemical oilresistance to: most acids, alcohol and oils | HF  
RoHS |
| Polyolefin | PO | -40 °C to +90 °C | Black (BK) | UL 94 V0 | • Low smoke emissions | HF  
LFH  
RoHS |
| Polypropylene | PP | -40 °C to +115 °C | Black (BK), Natural (NA) | UL 94 HB | • Floats in water  
• Moderate yield strength  
• Good chemical resistance to: organic acids | HF  
RoHS  
RoHs |
| Polypropylene, Ethylene-Propylene-Dien-Terpolymer-rubber free of Nitrosamine | PP, EPDM | -20 °C to +95 °C | Black (BK), Natural (NA) | UL 94 HB | • Good resistance to high temperatures  
• Good chemical and abrasion resistance | HF  
RoHS  
RoHs |
| Polypropylene with metal particles | PPMP | -40 °C to +115 °C | Blue (BU) | UL 94 HB | • Metal and X-Ray detectable  
• Heat resistant  
• Moderate yield strength  
• Good chemical resistance | HF  
RoHS  
RoHs |
| Polypropylene with metal particles | PPMP+ | -40 °C to +85 °C | Blue (BU) | not flame retardant | • High yield strength  
• Metal and x-ray detectable | HF  
RoHS  
RoHs |
| Polyvinylchloride | PVC | -10 °C to +70 °C | Black (BK), Natural (NA) | UL 94 V0 | • Low moisture absorption  
• Good chemical resistance to: acids, ethanol and oil | HF  
RoHS  
RoHs |
| Stainless Steel | SS304, SS316 | -80 °C to +538 °C | Natural (NA) | non-burning | • Corrosion resistant  
• Antimagnetic  
• Weather resistant  
• Outstanding chemical resistance | HF  
LFH  
RoHS |
| Thermoplastic Polyurethane | TPU | -40 °C to +85 °C | Black (BK) | UL 94 HB | • High elastic  
• Good chemical resistance to: acids, bases and oxidizing agents | HF  
RoHS  
RoHs |

**More colours on request.

*These details are only rough guide values. They should not be regarded as a material specification and are no substitute for a suitability test. Please see our datasheets for further details.

**More colours on request.

HF = Halogenfree  
LFH = Limited Fire Hazard  
RoHS = Restriction of Hazardous Substances