Flat ribbon cable mounts

FKH mounts are designed to retain flat ribbon cables commonly used in information technology applications, in entertainment electronics or for connecting sensors. As each installation scenario is individual, FKH mounts are available in different dimensions and can be supplied as self adhesive and/or screwable versions.

Features and benefits
- One-piece fixing mount for flat ribbon cables
- Increased mounting area ensures proper bonding
- Quick and easy installation
- Can be released and re-used easily
- Flat cable is gently fastened due to soft wings

Material specification please see page 26.

FKH-Series, self adhesive, screw fixing

<table>
<thead>
<tr>
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All dimensions in mm. Subject to technical changes.

FKH-Series, screw fixing

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<tr>
<th>TYPE</th>
<th>Width (W)</th>
<th>Length (L)</th>
<th>Width (W2)</th>
<th>Hole Ø (FH)</th>
<th>Material</th>
<th>Colour</th>
<th>Adhesive</th>
<th>Article-No.</th>
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<td>Acrylate</td>
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All dimensions in mm. Subject to technical changes.

SolidTack-Series FKH, high performance adhesive

<table>
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<th>TYPE</th>
<th>Width (W)</th>
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<th>Width (W2)</th>
<th>Hole Ø (FH)</th>
<th>For Cable (max.)</th>
<th>Material</th>
<th>Colour</th>
<th>Adhesive</th>
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All dimensions in mm. Subject to technical changes.
# 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>
</table>
| Aluminium-alloy | AL | -40 °C to +180 °C | Natural (NA) | • Corrosion resistant  
  • Antimagnetic | RoHS |
| Chloroprene | CR | -20 °C to +80 °C | Black (BK) | • Weather-resistant  
  • High yield strength | RoHS |
| Ethylene Tetrafluoroethylene (Tefzel®) | E/TFE | -80 °C to +170 °C | Blue (BU) | UL 94 V0  
  • Resistance to radioactivity  
  • UV- resistant, not moisture sensitive  
  • Good chemical resistance to: acids, bases, oxidizing agents | RoHS |
| Polyacetal | POM | -40 °C to +90 °C, (+110 °C, 500 h) | Natural (NA) | UL 94 HB  
  • Limited brittleness sensitivity  
  • Flexible at low temperature  
  • Not moisture sensitive  
  • Robust on impacts | RoHS |
| Polyamide 11 | PA11 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB  
  • Bio-plastic, derived from vegetable oil  
  • Strong impact resistance at low temperature  
  • Very low moisture absorption  
  • Weather-resistant  
  • Good chemical resistance | RoHS |
| Polyamide 12 | PA12 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB  
  • Good chemical resistance to: acids, bases, oxidizing agents  
  • UV- resistant | RoHS |
| Polyamide 4.6 | PA46 | -40 °C to +150 °C (5000 h), +195 °C (500 h) | Natural (NA), Grey (GY) | UL 94 V2  
  • Resistance to high temperatures  
  • Very moisture sensitive  
  • Low smoke sensitivity | RoHS |
| Polyamide 6 | PA6 | -40 °C to +80 °C | Black (BK) | UL 94 V2  
  • High yield strength | RoHS |
| Polyamide 6, high impact modified | PA6HIR | -40 °C to +80 °C | Black (BK) | UL 94 HB  
  • Limited brittleness sensitivity  
  • Higher flexibility at low temperature | RoHS |
| Polyamide 6.6 | PA66 | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK), Natural (NA) | UL 94 V2  
  • High yield strength | RoHS |
| Polyamide 6.6, glass-fibre reinforced | PA66GF13, PA66GF15 | -40 °C to +105 °C | Black (BK) | UL 94 HB  
  • Good resistance to: lubricants, vehicle fuel, salt water and a lot of solvent | RoHS |
| Polyamide 6.6, heat and UV stabilised | PA66HSW | -40 °C to +105 °C | Black (BK) | UL 94 V2  
  • High yield strength  
  • Modified elevated max. temperature  
  • UV-resistant | RoHS |
| Polyamide 6.6, heat stabilised | PA66HS | -40 °C to +105 °C | Black (BK), Natural (NA) | UL 94 V2  
  • High yield strength  
  • Modified elevated max. temperature | RoHS |
| Polyamide 6.6, high impact modified | PA66HIR | -40 °C to +80 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB  
  • Limited brittleness sensitivity  
  • Higher flexibility at low temperature | RoHS |
| Polyamide 6.6, high impact modified, heat and UV stabilised | PA66HIRHSW | -40 °C to +110 °C | Black (BK) | UL 94 HB  
  • Limited brittleness sensitivity  
  • Higher flexibility at low temperature  
  • Modified elevated max. temperature  
  • High yield strength, UV-resistant | RoHS |
| Polyamide 6.6, high impact modified, heat stabilised | PA66HIRHS | -40 °C to +105 °C | Black (BK) | UL 94 HB  
  • Limited brittleness sensitivity  
  • Higher flexibility at low temperature  
  • Modified elevated max. temperature | RoHS |
| Polyamide 6.6, high impact modified, ScanBlack | PA66HIR(S) | -40 °C to +80 °C, (+105 °C, 500 h) | Black (BK) | UL 94 HB  
  • Limited brittleness sensitivity  
  • Higher flexibility at low temperature | RoHS |
| Polyamide 6.6, UV-resistant | PA66W | -40 °C to +85 °C, (+105 °C, 500 h) | Black (BK) | UL 94 V2  
  • High yield strength  
  • UV-resistant | RoHS |
### Material Information

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<tr>
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</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 |
| 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 |
| 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, alkalis 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 oil resistance 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 |
| Polypropylene, Ethylene-Propylene-Dien-Terpolymer-rubber | PP, EPDM | -20 °C to 95 °C | Black (BK) | Natural (NA) | • Good resistance to high temperatures  
• Good chemical and abrasion resistance | HF, 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 | 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 |
| 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 | 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 |

**More colours on request.**

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