TECHNICAL DATA SHEET

PMACLIP - BFHS - Rail
Rail for system support

Applications:
• In machine building and installation applications

Features & Benefits:
• Extremely robust construction
• High stiffness
• Excellent impact resistance
• Flexible assembly of clips for fixation of various conduit sizes
• Positioning and distance spacers available
• Easy installation
• Good chemical resistance properties

Materials:
• High-grade, glass fibre reinforced polyamide 6

Compatible with:
• PMACLIP system supports BFH-0

Colour:
• Black
• Grey

Environmental properties:
• Free from halogens and cadmium
• RoHS and REACH compliant

Chemical properties:
• Please refer to www.pma.ch
  (Technical Information / Chemical Resistance)
### Product selection:

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Conduit size</th>
<th>Dimensions in mm (nom.)</th>
<th>Weight</th>
<th>Packing unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td>NW</td>
<td>L  B  H</td>
<td>275</td>
<td>25.0</td>
</tr>
<tr>
<td>BFHS-00</td>
<td>07 – 48</td>
<td>275</td>
<td>25.0</td>
<td>15.5</td>
</tr>
</tbody>
</table>

Additional position spacers, complete including screws:

| BFHS-PH   | -            | 24                     | 12.0   | 6.0          | 0.5  | 20 |

Distance spacer with 3 holes:

| BFHS-PH1  | -            | 20                     | 12.0   | 4.0          | 0.1  | 100 |

* To order grey, substitute the „B“ in the order no. for an „S“

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time.

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![Diagram](image-url)
**Mechanical Properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test parameters</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile modulus</td>
<td>1'200 ... 3'700 N/mm²</td>
<td>ISO 527</td>
<td></td>
</tr>
<tr>
<td>Tensile strength</td>
<td>45 ... 65 N/mm²</td>
<td>ISO 527</td>
<td></td>
</tr>
<tr>
<td>Notched bar impact test</td>
<td>4 ... 20 kJ/m²</td>
<td>ISO 180/1C</td>
<td></td>
</tr>
</tbody>
</table>

**Thermal properties:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Test parameters</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous application temperature</td>
<td>– 50 ... + 105 °C</td>
<td>ISO 527</td>
<td></td>
</tr>
<tr>
<td>Upper application temperature</td>
<td>+ 120 °C (20'000 h)</td>
<td>PMA DO 9.21-4360</td>
<td></td>
</tr>
<tr>
<td>Short-term</td>
<td>+ 160 °C (168 h)</td>
<td>PMA DO 9.21-4360</td>
<td></td>
</tr>
</tbody>
</table>

**Content of delivery:**

- Rail FHS-00
- Incl. 2 pcs. positioning spacers
- FHS-PH complete with screws

**Assembly instructions:**

- With positioning and distance spacers / without positioning and distance spacers

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