Polyform® F1 Heavy Duty Fender

Proudly made by
The Originator of
Modern Plastic Buoys

POLYFORM® OF NORWAY
The POLYFORM® F1 is a supreme heavy duty fender made in one piece from our unique blend of high class materials. The F-series fenders are equipped with rib-reinforced ropeholds and are rotmolded from tough, flexible vinyl. The fenders are resistant to all weather conditions. The F-series fenders are used all over the world for fendering of pleasureboats, yachts, workboats, pilotboats and the largest F-series fenders are used by national navies for ships up to 1500 ton d/w

Available in various colours.

Polyform AS
Polyform AS is a world leading manufacturer of buoys fenders and floats, and the originator of the modern inflatable plastic buoy. The company is registered in Norway and situated in Ålesund at the north-western coast of Norway, and benefits from being located in one of the world’s most innovative maritime environments.

The product range of Polyform AS consists of:
- Inflatable buoys and fenders made from soft Vinyl plastics.
- Purse Seine Floats, buoys and marina fenders made from BACELL closed cell foam.
- Hard-shell buoys and pontoon floats made from PE and filled with foam.

For all measurements, weights and other technical data specified in this data sheet, please allow for a deviation of not less than +/-5%. The illustration may deviate from the actual product.

Technical information

<table>
<thead>
<tr>
<th>Article number</th>
<th>F1</th>
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</thead>
<tbody>
<tr>
<td>Diameter (max recommended)</td>
<td>150 mm</td>
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<tr>
<td>Height (max)</td>
<td>610 mm</td>
</tr>
<tr>
<td>Weight (nominal)</td>
<td>1,0 Kg</td>
</tr>
<tr>
<td>Eye diameter for ropehold</td>
<td>22 mm</td>
</tr>
<tr>
<td>Valve type</td>
<td>V10</td>
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<tr>
<td>Gross volume</td>
<td>8 L</td>
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</tbody>
</table>

Breaking load for ropehold 800 kp
Buoy body material description
Hardness, shore A 66
Tensile strength 13,9 MPa
Elongation at break 587%
Cold flex temperature -33°C
Recommended max temp. 40°C
Temp. not to be exceeded 50°C
Specific gravity 1,17
Body and Ropehold made from PVC.
No use of CFC. Cadmium free.
Made by Polymatic® production technology

V-10 all plastic non-return valve

Stress (MPa) PVC Material

Machine #1 (mm)

0 50 100 150 200 250 300 350 400 450 500

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

Stress (MPa) PVC Material

Machine #1 (mm)