Polyform® A1 Heavy Duty buoy

Product information

**Article number**
A1

**Diameter (max recommended)**
295 mm

**Height (max)**
380 mm

**Weight (nominal)**
2.1 Kg

**Eye diameter for ropehold**
22 mm

**Valve type**
V10

**Gross volume**
13.0 L

**Recommended max load**
7.8 Kg

**Technical information**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breaking load for ropehold</td>
<td>800 kp</td>
</tr>
<tr>
<td>Buoy body material description</td>
<td></td>
</tr>
<tr>
<td>Hardness, shore A</td>
<td>66</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>13.9 MPa</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>587%</td>
</tr>
<tr>
<td>Cold flex temperature</td>
<td>-33°C</td>
</tr>
<tr>
<td>Recommended max temp.</td>
<td>40°C</td>
</tr>
<tr>
<td>Temp. not to be exceeded</td>
<td>50°C</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.17</td>
</tr>
<tr>
<td>Buoy and Ropehold made from PVC.</td>
<td></td>
</tr>
<tr>
<td>No use of CFC. Cadmium free.</td>
<td></td>
</tr>
<tr>
<td>Made by Welcotec production technology</td>
<td></td>
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</tbody>
</table>

**V-10 all plastic non-return valve**

**Stress (MPa) PVC Material**

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.

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.

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