**BOA-DUO® UHP** *(Ultra High Pressure)*

Helically corrugated stainless steel hose

Double-plyed, ultra high pressure, helically corrugated metal hose, resistance welded at the crest. Due to double-plyed wall in the flank, and triple wall on the crest, highest operating reliability and highest flexibility are achieved. BOA-DUO® UHP also has excellent properties for vibration absorption. Design and type approval in accordance with ISO 10380 standard.

**Fourfold safety against bursting**!

**Materials:**
- Corrugated hose: stainless steel 1.4404 (similar to AISI 316L)
- Braid: stainless steel 1.4301 (similar to AISI 304)

**Application fields:**
- connecting lines for gas bottles
- filling installations for gas cylinders
- universal vibration absorber
- engine construction, pumps, compressors
- all kind of pressure pipes for heavy-duty service with extreme working conditions

**Temperature range:** -196°C to max. 600°C

<table>
<thead>
<tr>
<th>DN [mm]</th>
<th>Braid type</th>
<th>Adm. working pressure at 20 °C [bar]</th>
<th>Ø Inside [mm]</th>
<th>Ø Outside [mm]</th>
<th>Ø Tolerance [mm]</th>
<th>Bend radius static [mm]</th>
<th>Bend radius dynamic [mm]</th>
<th>Weight ± [kg/m]</th>
<th>Prod. length [m]</th>
<th>BOA item n°</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>B</td>
<td>350 460°</td>
<td>6.3</td>
<td>12.2</td>
<td>± 0.2</td>
<td>25</td>
<td>140</td>
<td>0.4</td>
<td>15-22</td>
<td>M-0038493</td>
</tr>
</tbody>
</table>

Preferred series; usually available at short term

* admissible operating pressure with triple safety against bursting for applications - not needing ISO 10380-conformity.

Useful data for placing an inquiry or order:
- Item description: BOA-DUO® UHP
- BOA item n° (M- ........)
- Quantity

The three leaflets for metal hoses and metal hose assemblies “Technical Information”, „Installation Instructions“ and “Guarantee/ Delivery terms/ Conditions” are integrating part of the present product data sheet.

Specifications subject to change without notice.