THE CLEVER ALTERNATIVE
OVATIO PUMP HOSES

Outstanding durability, cost-efficiency and reliability.

- LARGE VARIETY OF MATERIALS
  for food, oils & greases, cleaning agents and shear-sensitive media. The hoses are optimally suited for highly viscous, abrasive and aggressive liquids with high solids concentrations.

- HIGH-STRENGTH NYLON MICRO FABRIC
  for exceptional resistance and long service life. The specially arranged fabric structures give the hose high restoring forces and thus reliable suction performance up to 9.5 m water column as well as optimal dosing properties.

- UNIFORM WALL THICKNESS
  for reproducible service life and economical lubricant consumption. The hoses are manufactured with tight tolerances and consistent wall thicknesses over the entire length.

You can find your individual contact at:
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Tel. 0800 293 5693 | Email info@axflow.de
OVATIO PUMP HOSES

OVATIO pump hoses are drawing on more than fifty years of experience with peristaltic pump technology. Developed to the latest design criteria and manufactured with high-precision processes, OVATIO hoses reliably withstand the toughest demands.

RANGE OF DIMENSIONS

<table>
<thead>
<tr>
<th>Hose</th>
<th>OVATIO BRE-10</th>
<th>OVATIO BRE-15</th>
<th>OVATIO BRE-20</th>
<th>OVATIO BRE-25</th>
<th>OVATIO BRE-32</th>
<th>OVATIO BRE-40</th>
<th>OVATIO BRE-50</th>
<th>OVATIO BRE-65</th>
<th>OVATIO BRE-80</th>
<th>OVATIO BRE-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>10 mm</td>
<td>15 mm</td>
<td>20 mm</td>
<td>25 mm</td>
<td>32 mm</td>
<td>40 mm</td>
<td>50 mm</td>
<td>65 mm</td>
<td>80 mm</td>
<td>100 mm</td>
</tr>
<tr>
<td>Suited for</td>
<td>Bredel 10</td>
<td>Bredel 15</td>
<td>Bredel 20</td>
<td>Bredel 25</td>
<td>Bredel 32</td>
<td>Bredel 40</td>
<td>Bredel 50</td>
<td>Bredel 65</td>
<td>Bredel 80</td>
<td>Bredel 100</td>
</tr>
</tbody>
</table>

OUTSTANDING DURABILITY

Special polymer/rubber compounds and the advanced vulcanization process ensure maximum resistance to abrasive liquids. In this way, they give the hose the necessary elasticity for particularly long service life.

EXCELLENT SUCTION LIFT

Multiple fabric layers of high-strength nylon microstructures generate a reliable rebound effect to restore the hose to its original shape after compression and achieve excellent suction lift up to 9.5m head of water.

REPRODUCIBLE DOSING ACCURACY

Due to the unique layered structure of the high-strength nylon microfabric, OVATIO hoses work reliably and with reproducible dosing accuracy.

COST-EFFICIENT AND RELIABLE

Long service life and uniform wall thicknesses reduce spare parts costs, service downtime and lubricant – while improving your operating efficiency with strong suction performance and optimal dosing capabilities.
✓ **COST SAVINGS**
   due to long durability and high-quality manufacturing processes

✓ **SHORTER SERVICE TIMES**
   due to reliable operation and reproducible service lives

✓ **LESS CONSUMPTION**
   due to economical use of lubricants as a result of the precision surfaces

✓ **RELIABLE PRODUCT QUALITY**
   due to perfectly matching chemical properties

✓ **OPTIMUM OPERATING EFFICIENCY**
   due to outstanding suction performance and optimum dosing characteristics

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**THE PERFECT MATERIAL FOR YOUR APPLICATION**

<table>
<thead>
<tr>
<th>Material</th>
<th>Max. temperature</th>
<th>Working pressure</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>NR</td>
<td>-10°C to 80°C</td>
<td>16 bar</td>
<td>Outstanding abrasion resistance. Generally resistant to diluted acids and alcohols. Highly resilient with excellent abrasion resistance. This is the most widely-used peristaltic hose. Generally suitable in lightly corrosive chemical applications and with abrasive slurries etc.</td>
</tr>
<tr>
<td>NBR</td>
<td>-10°C to 80°C</td>
<td>16 bar</td>
<td>Resistant to oils, alkalis, greases and detergents. The inner layer is from NBR and the outer layer is from NR to afford the optimal mechanical resistance.</td>
</tr>
<tr>
<td>NBR Food, black</td>
<td>-10°C to 80°C</td>
<td>16 bar</td>
<td>For all food products including oils and greases. Complies with food grade standards EC 1935/2004. The inner layer is made of NBR, food grade approved for hygienic applications. The outer layer is made of NR for optimal mechanical resistance.</td>
</tr>
<tr>
<td>EPDM</td>
<td>-10°C to 90°C</td>
<td>16 bar</td>
<td>High chemical resistance to concentrated acids, corrosive chemicals, ketones. The inner liner is made of EPDM and the outer is made of NR for optimal mechanical resistance.</td>
</tr>
<tr>
<td>Hypalon/CSM</td>
<td>-10°C to 80°C</td>
<td>16 bar</td>
<td>For highly corrosive products and high concentration acids. The inner layer is made from Hypalon/CSM and the outer from NR for optimal mechanical resistance.</td>
</tr>
</tbody>
</table>
APPLICATION EXAMPLES

We have delivered OVATIO hoses to a wide range of applications. These are some examples:

<table>
<thead>
<tr>
<th>Food production</th>
<th>Brewing processes</th>
<th>Construction materials processing</th>
<th>Mining</th>
<th>Water treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal fat</td>
<td>Waste yeast</td>
<td>Aerated concrete &amp; mortar</td>
<td>Abrasive slurry</td>
<td>Waste water</td>
</tr>
<tr>
<td>6 bar</td>
<td>4 bar</td>
<td>12 bar</td>
<td>15 bar</td>
<td>5 bar</td>
</tr>
<tr>
<td>60°C</td>
<td>20°C</td>
<td>20°C - 50°C</td>
<td>65 °C</td>
<td>20 °C</td>
</tr>
<tr>
<td>NBR Buna</td>
<td>NBR</td>
<td>EPDM</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>Continuous operation</td>
<td>Batch operation</td>
<td>Batch operation</td>
<td>Continuous operation</td>
<td>Batch operation</td>
</tr>
</tbody>
</table>

AVAILABLE ON STOCK FROM OUR EUROPEAN DISTRIBUTION CENTRE

The full range of various materials and dimensions is available directly from stock at AxFlow. Also find out about the attractive pricing structure with which we offer OVATIO pump hoses. Price comparison pays off!

ALSO FROM OVATIO:
LUBRICANT FOR YOUR HOSE PUMP

The glycerine-based lubricant is formulated for the best lubricating and cooling characteristics and provides optimum hose life. As an H1 lubricant with NSF® registration, OVATIO can also be used in the food sector.

Let us support you with individual expert advice. Please find your regional contact in technical sales at www.axflow.de