PTFE-Lined Flexible Hose

Flexible Metal Hose

Kadant Johnson PTFE-lined flexible hose has been engineered especially for use as inlet and outlet connections to Kadant Johnson rotary joints and rotating unions. It prevents pipe strains from creating tension or stress on the rotary joint, and does not restrict the rotary joint’s built-in flexibility.

Flexible Hose

Kadant Johnson flexible hose is available in sizes from \( \frac{1}{2}'' \) to 2”; couplings are threaded, NPT, JIC, or SAE 140130. The construction is of PTFE corrugated lining. The table below lists the recommended minimum lengths for each size, other lengths can be furnished according to the application.

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Minimum Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>inches</td>
<td>mm</td>
</tr>
<tr>
<td>inches</td>
<td>mm</td>
</tr>
<tr>
<td>1( \frac{1}{2} )</td>
<td>DN 15</td>
</tr>
<tr>
<td>3( \frac{3}{4} )</td>
<td>DN 20</td>
</tr>
<tr>
<td>1</td>
<td>DN 25</td>
</tr>
<tr>
<td>1( 1\frac{1}{4} )</td>
<td>DN 32</td>
</tr>
<tr>
<td>1( 1\frac{1}{2} )</td>
<td>DN 40</td>
</tr>
<tr>
<td>2</td>
<td>DN 50</td>
</tr>
</tbody>
</table>

Dimensions are for reference only and subject to change.

Overview

Features
- PTFE corrugated lining
- Threaded couplings
- Custom lengths available on request
- Sizes range from \( \frac{1}{2}'' \) to 2”
- Rated to 375 psig (26 bar) up to 400°F (204°C) maximum temperature

Benefits
- Engineered specifically for rotary joints or rotating unions
- Reduces stress on rotary joints and internal components
- Provides flexibility during installation and operation
- Prevents pipe strain

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Replaces all previous versions
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