High Temperature Fluoropolymer Chemical Hose
Type 4131SGF and 4134SSF

Applications: This type is designed specially for the conveyants at higher temperatures using PTFE and fiberglass materials. Suitable for hot lube oils and chemicals requiring higher temperatures.

Construction:
- Color/Cover: 4131SGF Orange/PVC coated Nylon, Abrasion, Ozone resistant
  4134SSF Orange yellow stripe/PVC coated Nylon, Abrasion, Ozone resistant
- Inner Wire: T316 Stainless Steel Wire
- Inner lining: PFA, FEP, ETFE
- Carcass: Heat Resistant Fiberglass, Polypropylene fabrics, films and seamless tubes
- Outer Wire: 4131SGF Galvanized Steel
  4134SSF T316 Stainless Steel

Physical properties:
- Temperature Range: -22°F to +325°F (-30°C to +162°C)
- Vacuum range: 26 inHg (660 mmHg), 0.9 bar

End Fittings: Specially designed end fittings have been developed for use with Willcox Composite hoses that have a unique leak-proof sealing face and specially machined helical spiral shank which engages into the corresponding internal helix wire when secured into the hose by either crimping or swaging the external ferrules. See page 28 for more information about end connections.

<table>
<thead>
<tr>
<th>Inside Diameter</th>
<th>Working Pressure</th>
<th>Min. Bend Radius</th>
<th>Approx Weight</th>
<th>Maximum Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inches</td>
<td>PSI</td>
<td>Bar</td>
<td>Inches</td>
<td>mm</td>
</tr>
<tr>
<td>1</td>
<td>150</td>
<td>10</td>
<td>8.0</td>
<td>200</td>
</tr>
<tr>
<td>1 1/2</td>
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<td>150</td>
<td>10</td>
<td>8.0</td>
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<tr>
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<td>50</td>
<td>150</td>
<td>10</td>
<td>9.0</td>
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<td>3</td>
<td>80</td>
<td>150</td>
<td>10</td>
<td>10.0</td>
</tr>
<tr>
<td>4</td>
<td>100</td>
<td>150</td>
<td>10</td>
<td>14.0</td>
</tr>
</tbody>
</table>

Pressure based on safety factor 4:1
Dimensions and weight are approximate and are subject to change
For additional technical data such as pressure drop, max. flow rates and tensile strength, please consult United Flexible engineering
Increased operating temperatures will reduce working pressure of the assemblies
Fitting pressure rating may limit working pressure of the assembly
Rated working pressure is @ 70°F (21°C)