Spiral Reinforced PVC Suction Hose

- 100% PVC construction
- Spiral reinforcement made from rigid PVC to resist impact, crushing, and kinking
- Lighter than ply-wrapped rubber and other similar hoses
- Available in Food or Industrial Grades
- Food Grade made from non-toxic ingredients conforming to FDA and 3A standards
- Smooth interior produces low friction loss permitting maximum flow

### Physical Properties

**SERIES**

- **F & FHS**
- **VFH**

<table>
<thead>
<tr>
<th>Hardness, Shore A</th>
<th>65</th>
<th>70</th>
<th>70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength, psi</td>
<td>1900</td>
<td>2000</td>
<td>2000</td>
</tr>
<tr>
<td>Elongation at Break, %</td>
<td>440</td>
<td>420</td>
<td>420</td>
</tr>
<tr>
<td>Brittle Temperature, °F</td>
<td>-45</td>
<td>-42</td>
<td>-42</td>
</tr>
<tr>
<td>Max. Operating Temperature, °F</td>
<td>150</td>
<td>140</td>
<td>140</td>
</tr>
</tbody>
</table>

**Notes**

NEWFLEX reinforced suction hose is widely used throughout industry for both positive and negative pressure applications. Its advanced design allows the use of light-weight, corrosion-resistant PVC to replace bulkier and heavier ply-wrapped rubber hose.

NEWFLEX series ‘FH’ and ‘FHS’ are clear, allowing the user to have full visual contact with the flow of material inside. The Food Grade lines are made from FDA-approved ingredients suitable for food and beverage handling. The smooth interior is easily sterilized and cleaned. Both types have a vacuum rating of 28 in./Hg.

NEWFLEX series ‘VFH’ is produced from a clear FDA core with an industrial grade white helix, which is not exposed to the hose I.D. It can handle light-duty pressure discharge, gravity feed, and moderate vacuum applications.

**Recommended Fittings & Clamps**

- Cam operated couplings
- Thermobarb® barbed fittings
- Oetiker® ear type clamps
- Kwik Clamp™ nylon double bond hose clamps
- Worm gear clamps

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