“PANACEA”® Mark II
(Reinforced) Chlorine Transfer Hose

“Panacea”® Mark II Hose assemblies are specifically designed to transfer chlorine, bromine, sodium hydroxide, sodium hypochlorite and other corrosive materials. The hoses are manufactured in accordance with Chlorine Institute Pamphlet 6 Piping Specifications.

Specifications

<table>
<thead>
<tr>
<th>Hose Size I.D.</th>
<th>Max. Operating Burst Pressure</th>
<th>Min. Burst Pressure</th>
<th>Min. Bend Radius</th>
<th>Hose O.D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>in.</td>
<td>psig bar</td>
<td>psig bar</td>
<td>in. mm*</td>
<td>in. mm*</td>
</tr>
<tr>
<td>1/2</td>
<td>12.7 500 34.5</td>
<td>2500 172.4</td>
<td>1.5 38</td>
<td>1.025 26</td>
</tr>
<tr>
<td>1</td>
<td>25.4 375 25.9</td>
<td>1875 129.3</td>
<td>3 76</td>
<td>1.650 41.9</td>
</tr>
<tr>
<td>1-1/2</td>
<td>38.1 375 25.9</td>
<td>1875 129.3</td>
<td>4 102</td>
<td>2.125 54</td>
</tr>
</tbody>
</table>

* These hoses are not metrically sized. Metric dimensions are provided as a convenience only.

Quality Control & Testing

• Each hose is material lot traceable
• Each hose is subject to stringent QC procedures throughout the manufacturing process
• Each hose is permanently identified in accordance with Chlorine Institute specifications
• Each hose is thoroughly cleaned before assembly. No oils, solvents or other contaminants are used in the assembly process.
• Each hose is pressure tested with nitrogen gas at 2 times the rated operating pressure while fully submerged under water.
• Each hose is dried and capped for shipment.
• A unique serial number is applied to each end of the hose for further traceability and is maintained in a permanent log of all hose assemblies.

• Less costly than Monel hose.
• Self-draining, low profile helical convolutions.
• Minimum pressure drop for faster load and unload times.
• Can be inspected safely.
• Lightweight and ultra flexible for user friendly handling
• Unexcelled chemical resistance for longer service life.
• Moisture will not affect internal tube. Hose does not need to be cleaned and capped after every use.


**“PANACEA”® Mark II**

- Wide hex flats for easy wrenching
- Internal Monel$^2$ crimp ferrule locks the fitting to the 2 Kynar PVDF braid reinforcements and Teflon$^1$ tube
- Two high-tensile-strength Kynar$^3$ PVDF braids provide high pressure rating
- One-piece extruded tube with no seams or voids that can lead to premature failure
- Thick, helically-convoluted Teflon$^1$ TFE tube with self-draining design
- Carbon steel ANSI B16.5 300# flanges are lap joint style with epoxy coating for better corrosion resistance (Other flange materials are available.)
- Schedule 80 Monel R405 male NPT or Schedule 80 stub end available
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- Stainless steel crimp ring secures Kynar PVDF abrasion cover and contains permanent stamp of:
  - “Panacea”® Mark II$^4$
  - For Chlorine Service
  - date of manufacture
  - maximum allowable working pressure
  - usable temperature range
  - minimum bend radius
  - test pressure

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1 Teflon is a registered trademark of The Chemours Company FC, LLC
2 Monel is a registered trademark of Huntington Alloys, Inc.
3 Kynar is a registered trademark of Arkema
4 “Panacea”® is a registered trademark of Prince Rubber & Plastics Co., Inc.