High Pressure Industrial Hose Assemblies

Smart-Hose assemblies are designed and engineered with a valve integrated in each end fitting. If the hose assembly experiences a catastrophic hose failure, the Smart-Hose Safety System is designed to instantaneously shut off the flow in both directions. Designed as a passive safety device, the Smart-Hose Safety System needs no human intervention to activate.

When a high pressure cylinder filling hose assembly fails, the hose can whip violently resulting in property damage, personnel injury, and even death. The Smart-Hose Safety System can protect your facility and personnel from the potential devastating consequences associated with high pressure hose failures.

The Smart-Hose Safety System is designed to work within high pressure industrial hose assemblies with a PTFE tube typically used for high pressure oxygen and inert gas applications. The Smart-Hose Safety System is also designed to work within high pressure hose assemblies with a Tefzel tube typically used for high pressure helium or hydrogen applications.

- Each hose is tested under water with dry air or nitrogen to working and test pressure
- Each hose is serial numbered
- Each hose is shipped with a Test Certificate and Operating Booklet
- All high pressure hose assemblies are Oxygen cleaned to industry standards

### Hose Data

<table>
<thead>
<tr>
<th>ID</th>
<th>Working Pressure</th>
<th>Cover/Reinforcement</th>
<th>Tube</th>
<th>Cleaning</th>
<th>Maintenance</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3000, 3500, 4000 &amp; 4500 PSI</td>
<td>Double Braid 304 SS</td>
<td>Teflon (PTFE) True ID and Post Sintered PTFE tube</td>
<td>Oxygen Cleaned to industry standards</td>
<td>See Smart-Hose Proper Use, Care, and Maintenance Booklet</td>
<td>Safety Loops, Eternal Cable, Heat Sink Fittings, SS Armor, Spring Guard, Scuff Guard, various options for end fitting configurations.</td>
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</tbody>
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