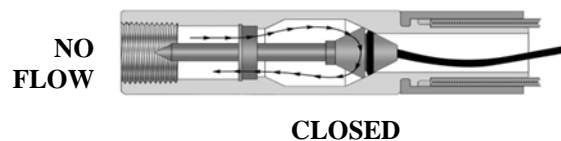
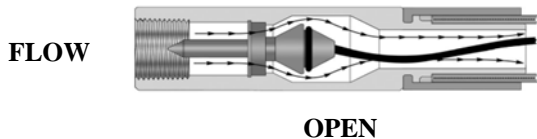


We are the Smart company securing your weak link to preserve the environment and prevent catastrophic hose failures!

## 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

**Normal Flow—LL1 Valves Open**



**Coupling Ejection - LL1 Valves Closed**



### Hose Data

<b>ID</b>	Available in 1/4", 3/8", 1/2" and 3/4" ID
<b>Working Pressure</b>	3000, 3500, 4000 & 4500 PSI
<b>Cover/Reinforcement</b>	Double Braid 304 SS
<b>Tube</b>	Teflon (PTFE) True ID and Post Sintered PTFE tube Tefzel (applications requiring low effusion) Convuluted Metal
<b>Cleaning</b>	Oxygen Cleaned to industry standards
<b>Maintenance</b>	See Smart-Hose Proper Use, Care, and Maintenance Booklet
<b>Accessories</b>	Safety Loops, Eternal Cable, Heat Sink Fittings, SS Armor, Spring Guard, Scuff Guard, various options for end fitting configurations.

