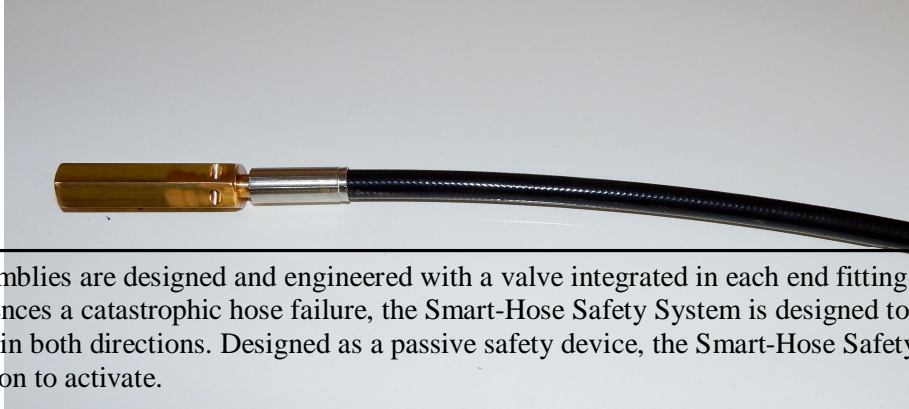


High Pressure Acetylene Hose Assemblies



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 an ultra high pressure Acetylene 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 ultra high pressure hose failures.

The Smart-Hose Safety System is designed to work within ultra high pressure industrial hose assemblies with a PTFE tube typically used for ultra high pressure Acetylene 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 ultra high pressure hose assemblies are Oxygen cleaned to industry standards
- Meets ISO 14113 Section 7.1.2 "Acetylene Decomposition Test"

Normal Flow - LL1 Valves Open



Coupling Ejection - LL1 Valves Closed



Hose Data

Cover	Smooth, tough abrasion resistant Polyester Cover (Black)
Design	Smooth bore gas quality PTFE tube with One Aramid braid and One high tensile 304 Stainless Steel braid
Tube	Gas quality smoothbore PTFE tube
Maintenance	See Smart-Hose Proper Use, Care, and Maintenance Booklet
Accessories	Safety Loops, External Cable, Bend Restrictors, CGA, various ends available

Hose ID Inside Diameter	Working Pressure PSI	Burst Pressure PSI	End Fitting	Smart-Hose Part #
1/46	6000	24000	316-SS FNPT / Acetylene Service	P17-002-20-0000

