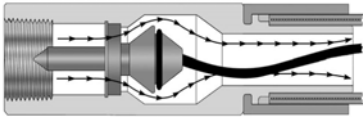


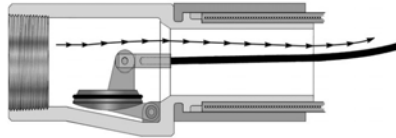
We are the Smart company securing your weak link to preserve the environment and prevent catastrophic hose failures!

Teflon Chemical Transfer Hose Assemblies



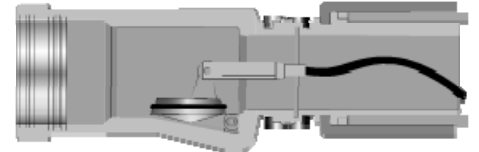
LL1 Design

*Available 1/4" to 1-1/4" ID



LL3 Design

*Available 1-1/2" to 8" ID



LL3-B Design

*Available in 2" ID

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.

The Smart-Hose Safety System is designed to work with rubber covered Teflon (PTFE) chemical hose. Manufactured with a EPDM rubber cover and a helical wire the hose is designed to handle extreme abrasion applications and full vacuum 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
- 316 Stainless Steel fittings are designed for reuse on new hose

Hose Data

Cover	Blue EPDM
Reinforcement	Multiple high tensile textile braids with helix wire
Tube	PTFE Tube (better stress crack resistance than FEP)
Temperature	-20° F to 300°F
Maintenance	See Smart-Hose Proper Use, Care, and Maintenance Booklet

Hose ID	Working Pressure	Burst Pressure	Bend Radius	Part Number
1/2"	500 psi	2000 psi	3"	R43004140000
3/4"	500 psi	2000 psi	4.5"	R43006140000
1"	400 psi	1600 psi	7"	R43008140000
1 1/2"	350 psi	1400 psi	13"	R43012320000
2"	300 psi	1200 psi	18"	R43016330000

