



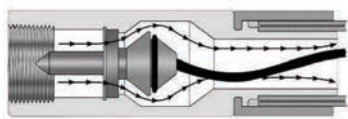
# Smart-Hose® Technologies



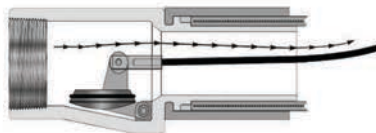
THE REVOLUTIONARY SMART-HOSE® SAFETY SHUTOFF SYSTEM TECHNOLOGY PRODUCES THE INDUSTRY'S SAFEST LPG AND NH3 HOSE ASSEMBLIES.

Smart-Hose® offers the industry's only hose and coupling system that instantly and automatically shuts off the flow if industrial gases and fluids in both directions due to coupling ejection, hose stretching, or hose separation. The inherent dangers from hazardous spills and hose whipping are eliminated. Hazardous material clean up costs and EPA fines are greatly reduced or eliminated.

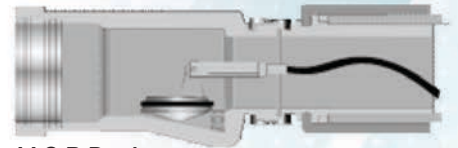
- Designed as a passive safety device
- Internal cable acts as a compression spring
- 316 stainless steel reusable ends
- No new maintenance requirements
- Transport vehicles and facility applications
- Eliminate environmental damage costs
- Reduce legal insurance costs
- US DOT special permits have been issued to provide relaxed attendance requirements for railcar off loading and cargo tank motor vehicles



**LL1 Design**  
\* Available 1/4" to 1" ID



**LL3 Design**  
\* Available 1-1/4" to 8" ID



**LL3-B Design**  
\* Available 1-1/4", 2" and 3" 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. The assemblies are designed as a passive safety device and to meet the most rugged applications.

Each hose is tested, serial numbered and shipped with a test certificate and operating booklet. All hoses meet the US Passive Shutoff Mandate for MC330/301 Transports and all UL 21 Standards, NFPA 58 and 59 and HM 225 requirements.

## PROPANE HOSE DATA

<b>Cover</b>	Black chloroprene; perforated wrapped finish
<b>Reinforcement</b>	Multiple textile braids
<b>Tube</b>	Black Nitrile
<b>Working Pressure</b>	350 psi
<b>Burst Pressure</b>	1750 psi
<b>Temperature</b>	-40° F to 180° F
<b>Sizes</b>	1/2" through 3"

## ANHYDROUS AMMONIA HOSE DATA

<b>Cover</b>	Black EPDM; perforated wrapped finish
<b>Reinforcement</b>	Multiple textile braids
<b>Tube</b>	Black EPDM
<b>Working Pressure</b>	350 psi
<b>Burst Pressure</b>	1750 psi
<b>Temperature</b>	-40° F to 180° F
<b>Sizes</b>	1/2" through 2"

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