

LIFEGUARD™ SAFETY SYSTEM

HYDROGEN HOSES | CRYOGENIC LIQUID CYLINDER HOSES | METAL PIGTAILS | LIFEGUARD COMPRESSED GAS HOSES | CARBON DIOXIDE BULK LIQUID TRANSFER HOSES

LifeGuard™ LPG/CNG Autogas Hoses

The Next Generation in Hose Safety!!!



Open Flow (Valves Kept Open by Internal Cable)



Coupling Failure (Valves are closed by separation and/or back pressure)

according to regulation R. 110 – 00 Class 2 and R 67 – 01 Class 2. In order to ease installation in difficult conditions and with very low bending radius, the hose can be manufactured already curved preformed. To guarantee a perfect use the hose has to be installed using the curving from the concave part.

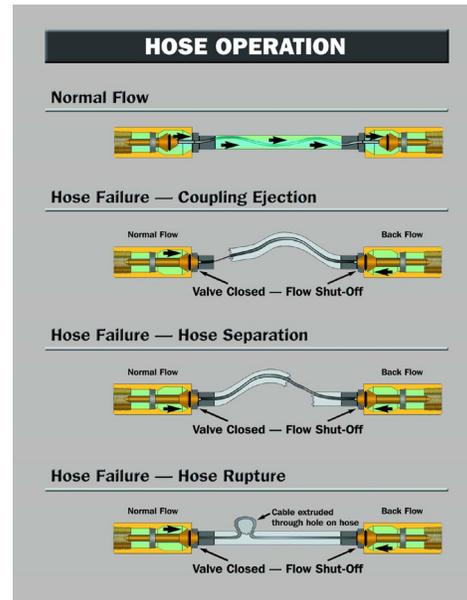


WHAT IS LifeGuard™?

A Flexible “Safety System” for use in the transfer of high pressure gases and liquids. Protect against the hazardous effects of hose rupture, pull-apart and failure.

All LifeGuard™ designs all utilize the unique, patented and patent pending design eliminates the potential for disaster through the use of an internal cable or engineered compression spring connected to specially designed, normally unseated valves located on each end of the cable or spring. In the event of hose separation, stretching to the point of an unsafe condition or coupling-to-hose separation, the valves are released and instantly seat stopping the flow in both directions.

Low pressure hose, long length, used in vehicles for methane gas CNG and LPG installations



Technical Characteristics	
Tube	Synthetic black rubber, not permeable, resistant to gases, heat and ageing
Reinforcement	High strength textile yarn
Cover	Black smooth rubber, resistant to heat, oil, fuel, lubricants, abrasion, ageing and weather. Pin pricked cover
Temperature	- 20 °C + 125 °C
Marking	ACCORDING NORM (in white letters)
Homologation:	E 13*110R-00 0017 / 67R-01 0145* CLASS 2