

# LIFEGUARD SAFETY SYSTEM

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

## LifeGuard™ Flexible Rubber Safety Pigtails Suitable for: Liquid or Gaseous phase LPG; Automotive CNG; LNG Applications 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)

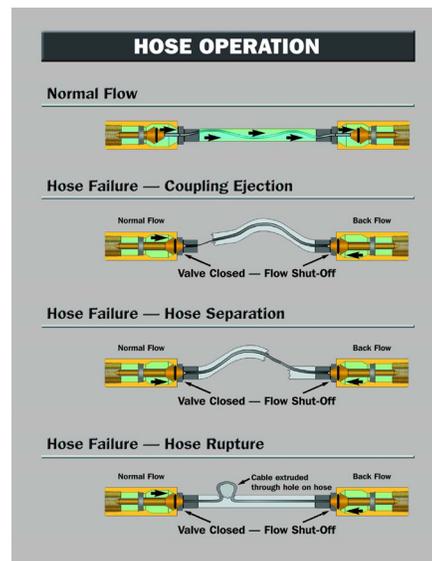
**WHAT IS LifeGuard?™** A Flexible “Passive Safety System” for use in the transfer of high pressure gases and liquids. Protects against the hazardous effects of hose failure from rupture, over tensioning, and pull-apart.



### 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, UV and weather. Pin pricked cover
Temperature	- 20 °C + 125 °C
Pressure	Work Pressure: 50Bar (725PSI) Test Pressure: 100Bar (1450PSI)
Marking	Complies to AS/NZS1869:2012
Homologation:	E 13*110R-00 0017 / 67R-01 0145* CLASS 2

All LifeGuard™ designs utilise the unique, patented and patent pending design, eliminating the potential for disaster through the use of an internal system connecting to specially designed, normally open valves located on each end of the assembly. In the event of **hose separation**, **stretching** to the point of an unsafe condition, or **coupling-to-hose separation**, the valves are immediately released and instantly seat - **stopping the flow in both directions**.



Inner Diameter	Terminations	Working Pressure	Test Pressure	Length	Liner Material
mm	BRASS NPT-F	bar	bar	mm	
8	1/4"	50	100	600	Rubber
8	1/4"	50	100	800	Rubber
8	1/4"	50	100	900	Rubber
10	3/8"	50	100	600	Rubber

Contact your Supplier for more information