



LIFEGUARD SAFETY SYSTEM

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

LifeGuard™ Tri-Bolt Breakaway Chemical Hoses

The LifeGuard™ Tri-Bolt Breakaway Hose is designed to increase the safety of your hose and facility by incorporating protection against the unintended pull-away of tank trucks, railcars, barges and ships. Utilizing a **Engineered Compression Spring** system with two non-return valves installed within each fitting, we have now included a **Tri-Bolt Flange System** with three shear bolts on one fitting that separates under a controlled condition and prevents product loss in the event of an emergency separation. The LifeGuard™ Tri-Bolt Breakaway Hose is designed to separate at any angle when subjected to a designated pull force. In case of separation, its patent pending design assures that not less than two bolts will separate causing the internal valves to engage and the piping to remain intact with flow stopped on both ends of the hose. The LifeGuard™ Tri-Bolt Breakaway Hose is combined with a UHMWP tube chemical transfer hose designed to meet the bulk hauling and chemical industries' most demanding requirements. It is light weight, flexible but also rugged. **Chemical UHMWP will handle chemicals with a phase change to gas down to 60°F.**



Cover: Green EPDM chemical & weather resistant

Reinforcement: Multi layers of polyester with double helix (vacuum 29 in. HG)

Tube: UHMWP polyethylene – chemical resistant

Branding: UHMWP Chemical Transfer Hose, 200 psi WP maximum temperature.

Temperature -40°F to +180°F (-40°C to +82°C)

Maintenance: See LifeGuard Proper Hose Use, Care and Maintenance Booklet

Caution: Hose and couplings should be inspected before each use. Use of damaged assembly could be hazardous.

ID	WP	Hose	Coupling		Part #
	psi		Wt/Ft	Weight - plunger	
1/2"	200	.65 lb	.8 lb		CHM06004160000
3/4"	200	.8 lb	1.6 lb		CHM06006160000
1"	200	1 lb	2.5 lb		CHM06008160000
1 1/4"	200	1.2 lb	2.9 lb		CHM06010140000
1 1/2"	200	1.4 lb		3.4 lb	CHM06012320000
2"	200	1.77 lb		4.7	CHM06016330000



**LIFEGUARD
TECHNOLOGIES**
The next generation in safety hoses

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