

LIFEGUARD™ SAFETY SYSTEM

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

LifeGuard™ PTFE High Pressure 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)

WHAT IS LifeGuard™? A Flexible “SafetySystem” for use in the transfer of high pressure gases and liquids. Protect against the hazardous effects of high pressure hose rupture, pull-apart and failure. The LifeGuard™ design utilizes the unique, patent pending design that eliminates the potential for disaster through the use of an internal compression spring device connected to specially designed, normally unseated valves located on each end of the 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.



APPLICATION:

PTFE, Stainless Steel Braid is ideal for a wide range of industrial applications, PTFE is non-porous, chemically inert and requires zero maintenance. PTFE is an FDA approved material. When coupled with the LifeGuard Safety System fitting and cleaned for oxygen use, high temperature capabilities make PTFE the best choice for medical or industrial oxygen filling.



CONSTRUCTION: All LifeGuard convoluted stainless steel inner core, double braided compressed gas hoses are tig welded and come in female NPT or BSP threads.

MAXIMUM WORKING PRESSURE:

¼" - 1" 3000 PSI to 10,000 PSI.



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PTFE Pigtails

The Next Generation in Safety-Hoses!!!

LIFEGUARD™ SAFETY HOSE HIGH PRESSURE HOSE LIST

LGT PART NO	HIGH PRESSURE SAFETY HOSES/TEFLON AND TEFLON	LGT PART NO	SPECIALTY GASES HIGH PRESSURE SAFETY HOSES/TEFLON AND TEFLON
TF02-002-17-24	24" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF02-002-19-24	24" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF51-002-17-24	24" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF51-002-19-24	24" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF51-002-11-24	24" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS	TF51-002-18-24	24" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF04-002-12-24	24" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS	TF04-002-21-24	24" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF06-002-11-24	24" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS	TF06-002-18-24	24" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF07-002-11-24	24" X 1/4" NPT, TEFLON LINED, 7500 PSI-SS ENDS (3/1 WP/BURST RATIO)	TF07-002-19-24	24" X 1/4" NPT, TEFLON LINED, 7500 PSI-SS ENDS (3/1 WP/BURST RATIO) WITH HEAT DISSIPATERS E/E
TF02-002-17-36	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF02-002-19-36	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF02-002-17-36-SBR	TEFLON HOSE, BRASS FITTINGS, FNPT, 1/4" X 36" 3500 PSI, W/BEND RESTRICTORS AND SAFETY LOOPS	TF02-002-19-36-SBR	TEFLON HOSE, BRASS HEATSINK FITTINGS, FNPT, 1/4" X 36" 3500 PSI W/BEND RESTRICTORS AND SAFETY LOOPS
TF51-002-17-36	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF51-002-19-36	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF51-002-11-36	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS	TF51-002-18-36	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF51-002-11-36-SBR	TEFLON HOSE, BRASS FITTINGS, FNPT, 1/4" X 36 INCHES, 3500 PSI W/BEND RESTRICTORS AND SAFETY LOOPS	TF04-002-21-36	36" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF04-002-12-36	36" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS	TF06-002-18-36	36" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF06-002-11-36	36" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS	TF07-002-19-36	36" X 1/4" NPT, TEFLON LINED, 7500 PSI-SS ENDS (3/1 WP/BURST RATIO) WITH HEAT DISSIPATERS E/E
TF51-002-17-36-SBR	36" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS, CFOS, CAPPED AND BAGGED WITH BEND RESTRICTORS AND SAFETY LOOPS	TF02-002-19-48	48" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF07-002-11-36	36" X 1/4" NPT, TEFLON LINED, 7500 PSI-SS ENDS (3/1 WP/BURST RATIO)	TF51-002-19-48	48" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF02-002-17-48	48" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF51-002-18-48	48" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF51-002-17-48	48" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF04-002-21-48	48" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF51-002-11-48	48" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS	TF06-002-18-48	48" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF04-002-12-48	48" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS	TF07-002-19-48	48" X 1/4" NPT, TEFLON LINED, 7500 PSI-SS ENDS (3/1 WP/BURST RATIO) WITH HEAT DISSIPATERS E/E
TF06-002-11-48	48" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS	TF02-002-19-60	60" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF07-002-11-48-S*	48" X 1/4" NPT, TEFLON LINED, 7500 PSI-SS ENDS (3/1 WP/BURST RATIO)	TF51-002-18-60	60" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF02-002-17-60	60" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF51-002-21-60	60" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF51-002-17-60	60" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF04-002-18-60	60" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF51-002-11-60	60" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS	TF06-002-21-60	60" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF04-002-12-60	60" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS	TF02-002-19-72	72" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF06-002-11-60	60" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS	TF51-002-19-72	72" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF02-002-17-72	72" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF51-002-18-72	72" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF51-002-17-72	72" X 1/4" NPT, TEFLON LINED, 3500 PSI-BR ENDS	TF04-002-21-72	72" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS WITH HEAT DISSIPATERS E/E
TF51-002-11-72	72" X 1/4" NPT, TEFLON LINED, 3500 PSI-SS ENDS	TF06-002-18-72	72" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS WITH HEAT DISSIPATERS E/E
TF04-002-12-72	72" X 1/4" NPT, TEFLON LINED, 4500 PSI-BR ENDS		
TF06-002-11-72	72" X 1/4" NPT, TEFLON LINED, 6000 PSI-SS ENDS		
TF03-003-11-24	24" X 3/8" NPT, TEFLON LINED, 4000 PSI-SS ENDS		
TF03-003-11-36	36" X 3/8" NPT, TEFLON LINED, 4000 PSI-SS ENDS		
TF03-003-11-48	48" X 3/8" NPT, TEFLON LINED, 4000 PSI-SS ENDS		
TF03-003-11-60	60" X 3/8" NPT, TEFLON LINED, 4000 PSI-SS ENDS		
METALLIC COMPRESSED GAS HOSES			
BH09-002-11-24	1/4" X 24" NPT, CONV.SS METAL LINED, 3500PSI		
BH09-002-11-32	1/4" X 32" NPT, CONV. SS METAL LINED, 3500PSI		
BH09-002-11-36	1/4" X 36" NPT, CONV. SS METAL LINED, 3500PSI		
BH09-002-11-48	1/4" X 48" NPT, CONV. SS METAL LINED, 3500PSI		
BH09-002-11-60	1/4" X 60" NPT, CONV. SS METAL LINED, 3500PSI		
BH09-002-11-72	1/4" X 72" NPT, CONV. SS METAL LINED, 3500PSI		
OTHER DIAMETERS, LENGTHS, AND OPTIONS AVAILABLE			
*Safety Loops			

