

Composite Hose - Cryogenic

Composite Hose - LPG

Part No.: LPG

Colour: White / Yellow Stripe

Inner Wire: 316 Stainless Steel

Lining: Polypropylene films

Cover: Polyester Fabrics

Reinforcement: Polyester Fabrics

Outer Wire: 316 Stainless Steel

Crimping: Swagged or Wire Whipped

Size Available: 3/4" - 12"

Temperature: -105°C +100°C

	Low	Med	High
Flexibility			
Cycle Life			
Pressure Rating			
Chemical Resistance			
Wall Thickness			

Construction

Use:

Suitable for transferring fully refrigerated conveyants such as LPG, Propane and Butane down to -105°C, as well as liquid Ethane at and liquid Ethylene. Suitable for fluids included in Chap XIX, Gas carrier Code.



Applicable Standards

EN ISO 8031:2009 - 4.7, EN ISO 1402, DNV

Specifications

Part Number	Nominal Dia.		Max. Working Pressure		Max. Burst Pressure		Min. Bend Radius	Weight Per Mtr
	Inches	I.D (mm)	kPa	psi	kPa	psi	mm	kg.
CH-LPG-20	3/4"	20	2500	362	12500	1813	80	0.8
CH-LPG-25	1"	25	2500	362	12500	1813	100	1.0
CH-LPG-32	1 1/4"	32	2500	362	12500	1813	125	1.3
CH-LPG-40	1 1/2"	40	2500	362	12500	1813	140	1.5
CH-LPG-50	2"	50	2500	362	12500	1813	180	2.5
CH-LPG-65	2 1/2"	65	2500	362	12500	1813	200	3.3
CH-LPG-80	3"	75	2500	362	12500	1813	260	4.0
CH-LPG-100	4"	100	2500	362	12500	1813	350	5.3
CH-LPG-150	6"	150	2500	362	12500	1813	500	13.2
CH-LPG-200	8"	200	2500	362	12500	1813	750	18.0
CH-LPG-250	10"	250	1500	218	7500	1087	900	25.0
CH-LPG-300	12"	300	1000	145	5000	725	1500	34.0

Safety Factor: 5:1 Standard Duty. (Burst Pressure: Working Pressure)

Applications

