

Gem Cryogenic Gas Hose

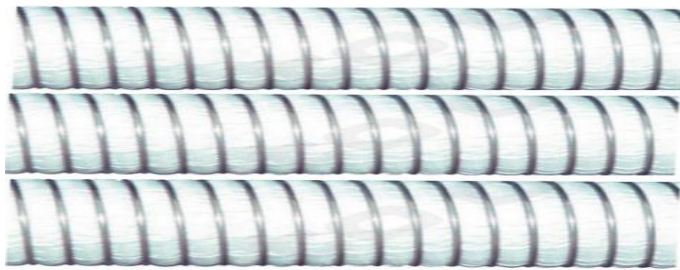
GEMFLEX

Description

Gemflex Cryogenic Composite Hose made from Heavy duty Polyester fabrics and films with a layers of abrasion resistant fabric reinforced with internal and external wires were used in Cryogenic Gas Hose

Applications

Gem Cryogenic Gas Hose is Heavy Duty suction and discharge for transfer liquified Natural gases such a liquid Nitrogen, liquiud helium, liquid ethylene are used many Cryogenic applications form Ship to Shore and Chemical and Gas Industries.



Hose Specification

Inner wire	:	Stainless Steel 316
Inner Layers	:	Polyamide fabric & BOPP Layer Flims
Outer Cover	:	Polyamide fabric
Brand Colour	:	White with Red ID Strip
Outer wire	:	Stainless Steel 316
Vacuum range	:	0.9 bar
Electric resistance	:	≤ 2" Hose pr/mtr 2.5 Ohms ≥ 2" Hose pr/mtr 1.0 Ohms

Manufacturing Standards

Applicable to EN 13766 Type 2
Class A

Operating Temperature

Depending on the Conveyant
-196°C to +45 °C

Specifications

Bore Diameter		Bend Radius	Hose Work Pressure		Weight / Meter	Maximum Length	
inch	mm	mm	bar	psi	Kg/m	meter	Feet
1	25	160	13	180	1.20	20	65
1.5	38	170	13	180	1.10	20	65
2	50	196	13	180	2.25	20	65
2.5	65	205	13	180	2.70	20	65
3	75	240	13	180	3.20	20	65
4	100	510	13	180	5.40	20	65
6	150	560	13	180	12.00	20	65
8	200	920	13	180	15.50	20	65

Minimum. Burst Pressure : Safety factor 4:1 (4 times of working Pressure)

Note: Above Mentioned information only for guidance, weight and dimensions shown are approximate



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