Composite Hose - Cryogenic

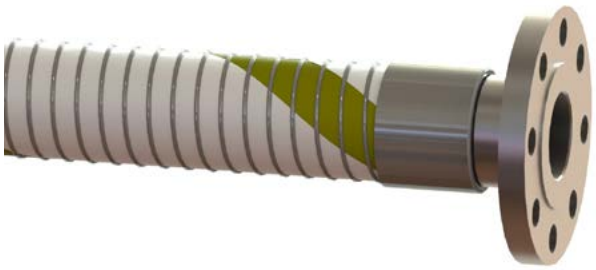
Composite Hose - LNG

Part No.: IH-LNG
Colour: White / Yellow Stripe
Inner Wire: 316 Stainless Steel
Lining: Polypropilene films
Cover: Polyester Fabrics
Reinforcement: Polyester Fabrics
Outer Wire: 316 Stainless Steel
Crimping: Swagged or Wire Whipped
Size Available: 3/4" - 12"
Temperature: -200°C +80°C

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

Construction

Use:
Hose is suitable for handling LNG Liquified Natural Gas, Liquid Methane and liquid Nitrogen at -200°C. Liquified Natural Gas LNG at extremely low temperatures



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.
IH-LNG-20	3/4"	20	1380	200	11040	1600	80	0.8
IH-LNG-25	1"	25	1380	200	11040	1600	100	1.0
IH-LNG-32	1 1/4"	32	1380	200	11040	1600	125	1.3
IH-LNG-40	1 1/2"	40	1380	200	11040	1600	140	1.5
IH-LNG-50	2"	50	1380	200	11040	1600	180	2.5
IH-LNG-65	2 1/2"	65	1380	200	11040	1600	200	3.3
IH-LNG-80	3"	75	1380	200	11040	1600	260	4.0
IH-LNG-100	4"	100	1275	184	10200	1479	350	5.3
IH-LNG-150	6"	150	1275	184	10200	1479	500	13.2
IH-LNG-200	8"	200	1275	184	10200	1479	750	18.0
IH-LNG-250	10"	250	1275	184	10200	1479	900	25.0
IH-LNG-300	12"	300	1030	149	8240	1195	1500	34.0

Safety Factor: 8:1 Standard Duty. (Burst Pressure: Working Pressure)

Applications

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