

FLEXY CRYOGENIC HOSE SS

Description

The cryogenic hose is a flexible hose composed of multiple layers of different polymers and the 316 stainless steel helical wire.

Inner wire: SS316
 Outer wire: SS316
 Inner layer: Polyamide
 Outer layer: PVC (Polyvinyl-chloride)

Color: Black



Principal Application

LNG hoses are used for liquid nitrogen and LNG liquefied natural gasses at extremely low temperature to -80°C and working pressures up to 25 bar. It is commonly used in the transportation of liquefied petroleum gas, ammonia from trucks, tankers, ship-to-ship, or ship-to-shore.

Safety Factor (Burst)

4:1

Manufacturing Standard

EN13765:2010

Temperature

-50 °C to 80°C

TABLE OF SPECIFICATIONS

Nominal Bore (Inch)	Internal Diameter (mm)	Weight Per metre (kg/m)	Working Pressure (bar)	Burst Pressure (bar)	Bend Radius (mm)
1in	25mm	1.5/1.65	16/25	64/100	200/250
1.5in	40mm	1.95/2.15	16/25	64/100	200/250
2in	50mm	2.5/2.95	16/25	64/100	225/275
2.5in	65mm	3.1/4	16/25	64/100	225/275
3in	80mm	4.5/6	16/25	64/100	350/425
4in	100mm	5/8.6	16/25	64/100	400/500
6in	150mm	13.8/18.6	16/25	64/100	575/500
8in	200mm	21.5/22.5	16/25	64/100	800/900
10in	250mm	26.5	16	64/100	1000
12in	300mm	34.2	16	64/100	1200