

FLEXY COLDDOCK 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: White

Principal Application

LPG hoses are used for liquid nitrogen and LPG liquefied petroleum gasses at extremely low temperature to -50°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 |