

Luxecasting Composite Hose

Cryogenic Composite Hose

低温复合软管

3. 低温复合软管 LPG LNG

Cryogenic Composite Hose For LPG and LNG

LPG

Description

Luxecasting LPG is a hose designed with the combination of multilayer of different polymers and spirals in stainless steel 316 with the latest manufacturing technology that makes it an excellent and safe solution to support cryogenic products At temperatures up to -50°C and working pressures up to 25 bar.

In typical applications such as charge discharge of liquefied petroleum gas or ammonia gas both in trucks, wagons and Marine applications. Included bunkering operations ship to ship.

Construction

- Inner Wire spiral: Stainless Steel 316 (S)
- Outer Wire spiral: Stainless Steel 316 (S)
- Inner Lining: Polyamide/ BPPO
- Cover: Polyamide

Features

- Norms EN 13766: 2010
- Temperature range -50°C a +45 °C
- Safety factor 5:1
- Vacuum 0,9 bar
- Length coils: 30 m. Other under request.



应用

LPG复合软管由多层不同聚合物和316不锈钢丝缠绕而成，采用最新的制造技术，在输送低温产品时更出色和更安全，温度可达-50°C，工作压力可达25 bar。

典型应用有：卡车、货车和船舶的液化石油气或氨气的充放，也常用于船对船的加油作业

产品结构

- 内层钢丝：不锈钢丝316(S)
- 外层钢丝：不锈钢丝316(S)
- 内层内衬：聚酰胺/BPPO
- 外层材料：聚酰胺

产品特性

- 标准：EN 13766:2010
- 温度范围：-50°C 至 +45°C
- 安全系数：安全压力是工作压力的5倍
- 真空度：0.9bar
- 单卷长度：30m, 其它长度可定制



Technical data/技术参数

LPG	STANDARD DUTY							MARINE OR HEAVY DUTY		
IN D Ø in	1	1 1/2	2	2 1/2	3	4	6	8	10	
BR ⌀ mm	150	200	200	200	250	500	670	930	2550	
W ⚖ Kg/m	1,60	1,80	2,20	2,65	3,80	5,70	16,40	28,70	31,00	
CODE ⊙ 25 bar/ 362 psi										
CODE ⊙ 20 bar/ 290 psi										

LNG

Description

Luxecasting LNG is a hose designed with the combination of multilayer of different polymers and spirals in stainless steel 316L with the latest manufacturing technology that makes it an excellent and safe solution to support cryogenic products at extreme temperatures up to -196°C and working pressures up to 10,5Bar. In typical applications such as liquefied natural gas discharge loading both on trucks, wagons and even Marine applications. Included bunkering operations ship to ship.

Construction

- Inner Wire spiral: Stainless Steel 316 L(S)
- Outer Wire spiral: Stainless Steel 316 L(S)
- Inner Lining: Polyamide / Polyester
- Cover: PVC Coated Polyester Cloth

Features

- Norms EN 13766: 2010
- Temperature range -196°C a +45 °C
- Safety factor 5:1
- Vacuum 0,9 bar
- Length coils: 30 m. Other under request.



应用

LNG复合软管是由多层不同聚合物和316不锈钢丝缠绕而成，采用最新的制造技术，可以确保在零下196°C的极端温度下和工作压力高达10.5 bar的情况下正常输送低温产品，是一款出色又安全的产品。

典型应用包括：卡车，货车，甚至船舶上液化天然气的装卸，也常用于船对船的加油作业。

产品结构



- 内层钢丝：不锈钢丝316L(S)
- 外层钢丝：不锈钢丝316L(S)
- 内层内衬：聚酰胺/聚酯
- 外层材料：PVC涂层聚酯布

产品特性

- 标准：EN 13766:2010
- 温度范围：-196°C 至 +45°C
- 安全系数：安全压力是工作压力的5倍
- 真空度：0.9bar
- 单卷长度：30m, 其它长度可定制



Technical data/技术参数

LNG	STANDARD DUTY							MARINE OR HEAVY DUTY 		
	IN D Ø in	1	1 1/2	2	2 1/2	3	4	6	8	10□
BR ⌀ mm	150	200	200	200	250	500	670	930	2550	
W  Kg/m	1,60	1,80	2,20	2,65	3,80	5,70	16,40	28,70	31,00	
CODE ○ 21 bar/ 304 psi										
CODE ○ 13 bar/ 189 psi										
CODE ○ 10,5 bar/ 152 psi										