

GUTTELING LNG WHITE



OIL & GAS

Composite hoses/Oil and petroleum



APPLICATIONS

GUTTELING LNG WHITE hoses are especially designed for use with fully refrigerated conveyants down to -196°C such as LNG in rail, railcars, inplant, ship to shore and LNG bunker operation.

PHYSICAL PROPERTIES

- Maximum elongation: 10% on proof pressure
- Electrical resistance: 2,5 Ohm p/mtr < 2"
- 1,0 Ohm p/mtr >= 2"
- Maximum twist: 10° p/m
- Min. burst pressure: 5x working pressure (safety fact 5:1)
- Max. flowrate: on request
- Max. tensile strength: on request
- Pressure losses: on request
- Temperature range: -196°C up to +50°C (-320F up to +121F)

TECHNICAL DESCRIPTION

Inner wire: Stainless steel 316

Lining: Polyester fabrics and films

Outer cover: Polyamide

Outer wire: Stainless steel 316

STANDARD/APPROVAL

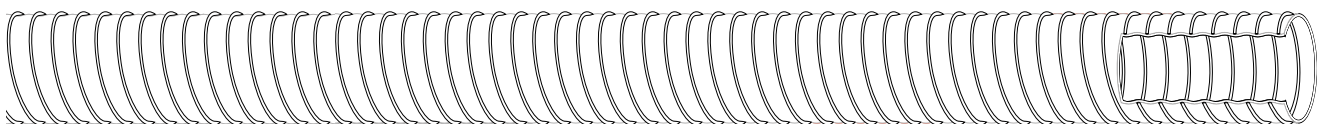
GUTTELING LNG WHITE hoses are produced and tested according international standards like

EN 13766, IMO IGC and EN 12434.



COMPLEMENTARY INFORMATION

Assembled lengths are delivered with pressure test certificate.



**Medium Duty, Class A, type 2**

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
1	28	150	10,5	5,9	150	0,6	0,9	100	30
1,5	40	150	10,5	7,9	200	1,1	1,6	100	30
2	50	150	10,5	7,9	200	1,6	2,4	100	30
2,5	65	150	10,5	7,9	200	2,1	3,2	100	30
3	80	150	10,5	9,8	250	3,3	4,9	100	30
4	100	150	10,5	19,6	500	6	9	100	30
6	150	150	10,5	25,9	660	8,4	12,6	100	30
8	200	150	10,5	35,8	910	13,5	20,1	100	30
10	250	150	10,5	59,1	1500	16	23,9	100	30
12	300	150	10,5	70,9	1800	24,1	36	82	25

Heavy Duty, Class B, type 2

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
1	28	300	21	6,5	165	0,7	1,1	65	20
1,5	40	300	21	8,3	210	1,3	1,9	100	30
2	50	300	21	8,5	215	1,7	2,5	100	30
2,5	65	300	21	9,4	240	2,2	3,3	100	30
3	80	300	21	11,6	295	3,6	5,3	100	30
4	100	300	21	21,3	540	6,4	9,4	100	30
6	150	300	21	29,5	750	8,9	13,1	100	30
8	200	300	21	39,3	1000	14,1	21,2	100	30
10	250	300	21	59,1	1500	24,7	36,5	100	30

This information is for guidance only, dimensions and weights shown are approximate.

We reserve the right to alter or amend specifications as deemed necessary.

