GUTTELING LPG WHITE

OIL & GAS

Composite hoses/Oil and petroleum

APPLICATIONS

GUTTELING LPG WHITE hoses are especially designed for use with fully refrigerated conveyants down to -50°C on ship, barges and in marine terminals. This application is including the following mediums: Ammonia, Acetaldehyde, Butadiene, Butane, Propane, Butylene, Dimethylamide, Ethylamine, Ethyl Chloride, Methyl Acethylene, Methyl Bromide Propane, Propadiene, Propylene, Vinyl Chloride, Refrigerant Gases.

GUTTELING LPG WHITE hoses are also suitable for:
Liquid Ethylene at -105°C, Liquid Ethane at -88°C.

Medium duty	Onshore applications
Heavy duty	Onshore and offshore applications
Heavy duty	Offshore applications

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: -105°C up to +50°C (-157F up to +121F)

TECHNICAL DESCRIPTION

Inner wire:	Stainless steel 316
Lining:	Polyamide fabrics and BOPP films
Outer cover:	Polyamide
Outer wire:	Stainless steel 316

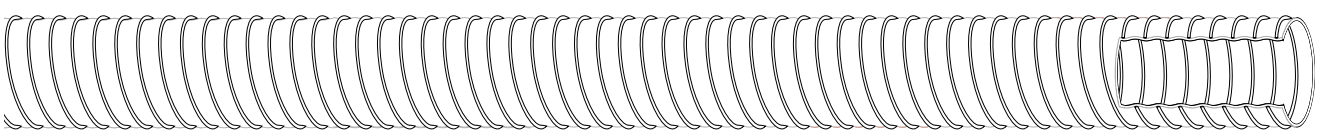
STANDARD/APPROVAL

GUTTELING LPG WHITE hoses are produced and tested according international standards like EN 13766 & IMO IGC code.

EN

COMPLEMENTARY INFORMATION

Assembled lengths are delivered with pressure test certificate.



Medium duty, 14 bar

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
1	28	200	14	5,9	150	0,6	0,9	100	30
1,5	40	200	14	7,9	200	1,1	1,6	100	30
2	50	200	14	7,9	200	1,6	2,4	100	30
2,5	65	200	14	7,9	200	2,1	3,2	100	30
3	80	200	14	9,8	250	3,3	4,9	100	30
4	100	200	14	19,6	500	6	9	100	30
6	150	200	14	25,9	660	8,4	12,6	100	30
8	200	200	14	35,8	910	13,5	20,1	100	30
10	250	200	14	59,1	1500	16	23,9	100	30
12	300	200	14	70,9	1800	24,1	36	82	25

Heavy duty, Class B, type 1

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	100	30
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	16,5	24,5	100	30

Heavy duty, Class A, type 1

Bore diameter		Max. work. pressure		Bend radius		Weight		Maximum length	
inches	mm	PSI	bar	inches	mm	lbs/Ft	Kg/m	Ft	m
1	28	360	25	6,5	165	1,0	1,4	65	20
1,5	40	360	25	8,3	210	1,6	2,2	100	30
2	50	360	25	8,5	215	2,0	2,8	100	30
2,5	65	360	25	9,4	240	2,6	3,6	100	30
3	80	360	25	11,6	295	3,9	5,6	100	30
4	100	360	25	21,3	540	6,7	9,7	100	30
6	150	360	25	29,5	750	9,7	13,8	100	30
8	200	360	25	39,3	1000	14,9	22,2	100	30
10	250	360	25	59,1	1500	16,7	24,9	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.

TRELLEBORG