

# 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 Acetylene, 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.

<b>Medium duty</b>	Onshore applications
<b>Heavy duty</b>	Onshore and offshore applications
<b>Heavy duty</b>	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

<b>Inner wire:</b>	Stainless steel 316
<b>Lining:</b>	Polyamide fabrics and BOPP fi lms
<b>Outer cover:</b>	Polyamide
<b>Outer wire:</b>	Stainless steel 316

## STANDARD/APPROVAL

GUTTELING LPG WHITE hoses are produced and tested according international standards like EN 13766 and 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.*

### GET IN TOUCH

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