GUTTELING LNG WHITE STS

OIL & GAS

Composite hoses/Oil and petroleum

APPLICATIONS

GUTTELING LNG WHITE STS hoses are especially designed for offshore and near-shore use in dynamic conditions. GUTTELING LNG WHITE STS hoses can be used in different operations such as Ship to Ship, Ship to Shore and LNG bunkering operations. GUTTELING LNG WHITE STS hoses are also suitable as Vapor Return line in combination with other transfer systems, like loading arms and flexible pipelines.

RELIABLE

An extended test program has proven that GUTTELING LNG WHITE STS hoses are reliable and safe to use in rough offshore conditions. GUTTELING LNG WHITE STS hoses have a high resistance against any damage.

CERTIFICATIONS

GUTTELING LNG WHITE STS hoses have been tested and approved according EN 13766, IMO IGC Code and EN 1474-II by several classification societies, such as DNV, ABS, Bureau Veritas and Class NK.

LENGTHS AND SIZES

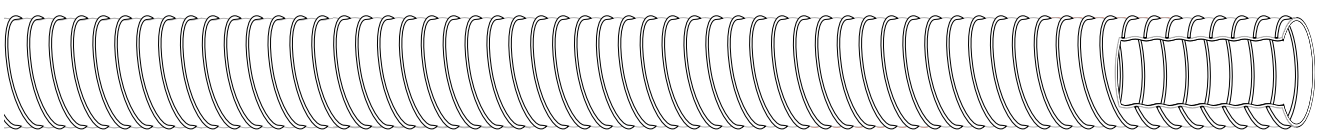
GUTTELING LNG WHITE STS hoses are available in sizes from 4” up to 10” in lengths up to 30,00 meter. GUTTELING LNG WHITE STS in size 12” and 16” only on customer request.

END CONNECTIONS

GUTTELING LNG WHITE STS hoses are equipped with end fittings to customer requests. All types of ERC, QCDC and other special requirements can be connected directly to the hose fitting. The fittings have been swaged to Gutteling BV’s special mounting procedure and have been fully tested on their resistance against low temperature and high external loads.

TEST/QUALIFICATION PROGRAM

The qualification program essentially covers, strength and stiffness of the GUTTELING LNG WHITE STS hoses, fatigue due to bending and thermal cycles.



GUTTELING LNG WHITE STS 8”

Bore diameter		Max. work. pressure		Weight		Available lengths	
inches	mm	PSI	bar	lbs/Ft	Kg/m	Ft	m
8	200	150	10,5	13,5	20,1	100	30

Min. Bend radius*		Burst pressure*		Pressure losses**		Elongation	Twist
inches	mm	PSI	bar	PSI/m	bar/m	%	%
35,8	910	2580	178	< 1,4	< 0,1	6	< 1

* *Performed at cryogenic conditions*
** *Performed at cryogenic conditions and at maximum allowable flow speed of 14 m/s*

GUTTELING LNG WHITE STS 10”

Bore diameter		Max. work. pressure		Weight		Available lengths	
inches	mm	PSI	bar	lbs/Ft	Kg/m	Ft	m
10	250	150	10,5	16	23,9	100	30

Min. Bend radius*		Burst pressure*		Pressure losses**		Elongation	Twist
inches	mm	PSI	bar	PSI/m	bar/m	%	%
59	1500	1810	125	< 1,4	< 0,1	5	< 1

* *Performed at cryogenic conditions*
** *Performed at cryogenic conditions and at maximum allowable flow speed of 14 m/s*

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

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