



**CRYOTEC 661 N (FROM SIZE 3/4" TO 12")  
LIQUID NITROGEN GAS (LNG) HANDLING HOSE 200 PSI  
EN 13765:2018 TYPE LG**

Temperature Range	-200°C (-328°F) to +80°C (+176°F)		
Code	LN661ZZ	LN661ZX	LN661XX
Inner Wire	Galv. Steel	Galv. Steel	St. Steel
Outer Wire	Galv. Steel	St. Steel	St. Steel
Cover	White		

Size (I.D)		Working Pressure		Safety Factor	Bending Radius EN ISO 1746		Weight Kg/mt	Max. Length	
mm	inch	bar	psi	ratio	mm	inch	kg/mt	mt.	feet
20	3/4"	15	200	8:1	80	3"	0.8	40	132
25	1"	15	200	8:1	100	4"	1.0	40	132
32	1 1/4"	15	200	8:1	125	5"	1.3	40	132
40	1 1/2"	15	200	8:1	140	6"	1.5	40	132
50	2"	15	200	8:1	180	7"	2.5	40	132
65	2 1/2"	15	200	8:1	200	8"	3.3	40	132
75	3"	15	200	8:1	260	10"	4.0	40	132
100	4"	15	200	8:1	380	15"	6.8	40	132
150	6"	15	200	8:1	500	20"	13.2	40	132
200	8"	15	200	8:1	750	30"	18.0	40	132
250	10"	15	200	8:1	900	36"	26.0	25	82
300	12"	15	200	8:1	1500	60"	34.0	25	82

**CRYOTEC 661 N** hose is suitable for handling **LNG** Liquefied Natural Gas, Liquid Methane and liquid Nitrogen at -200°C.

**Construction:** Multi-layers of polyamide fabrics and films, or polyester fabrics and films reinforcement, includes in the construction **FEP** extruded tubular and **Mylar®** films. **SUNFLEX® CRYOTEC** hoses are manufactured according to EN 13765:2018. Available in 40 mt coils from 3/4" to 8" and 25 mt length up to 12".

**SUNFLEX® CRYOTEC** hoses for liquid gas transfer form an important part of the extensive range on non-metallic flexible hoses offered by the COMPOTEC® division of Matec group. The hoses are certified by DNV as complying the requirements of CE Directive 97/23 "PED" and are made to comply the requirements of EN13766; Paragraphs 5:4 and 5:7 of the IMO Gas Carrier Code, and 5:3 and 5:7 of the IMO Chemical Carrier Code. Meets EN, CE, PED, U.S. Coast Guard requirements, DNV Approved.