

Composite Hose - Cryogenic

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Part No.: CRY

Colour: Standard White

Inner Wire: 316 Stainless Steel

Reinforcement: Polyamide Polyester

Outer Wire: 316 Stainless Steel

Crimping: Swagged or Wire Whipped

Size Available: 1" - 10"

Temperature: -200°C +80°C

Low | Med | High

Flexibility 

Cycle Life 

Pressure Rating 

Chemical Resistance 

Wall Thickness 

Construction

Use:

With excellent resistance to the low temperatures required for transfer of liquid gases such as Liquefied Petroleum Gas (LPG), Liquefied Natural Gas (LNG), carbon dioxide, ammonia or ethylene. While specifically designed for cryogenic fluids, the hose is also suitable for use with a wide range of hazardous chemicals.



Applicable Standards

EN13766:2010 Exceeds Class A

IMO IGC code

AS/NZ 1869

BSEN13766:2010

Specifications

Part Number	Nominal Dia.		Max. Working Pressure		Max. Burst Pressure		Min. Bend Radius	Weight Per Mtr
	Inches	I.D (mm)	kPa	psi	kPa	psi	mm	kg.
CH-CRY-25	1"	25	2500	360	12500	1812	100	1.0
CH-CRY-40	1 1/2"	38	2500	360	12500	1812	140	1.5
CH-CRY-50	2"	50	2500	360	12500	1812	180	2.5
CH-CRY-65	2 1/2"	65	2500	360	12500	1812	205	3.3
CH-CRY-80	3"	75	2500	360	12500	1812	280	4.5
CH-CRY-100	4"	100	2500	360	12500	1812	395	7.5
CH-CRY-150	6"	150	2500	360	12500	1812	510	13.5
CH-CRY-200	8"	200	2040	295	10200	1450	760	18.5
CH-CRY-250	10"	250	1500	217	7500	1090	915	25

Safety Factor 5:1 Standard Duty. (Burst Pressure: Working Pressure)

Applications

