

LNG Hoses Stainless Steel Connections CHS Series

Application

The CHS Series are cryogenic transfer hoses with stainless steel nuts used in the LNG dispensers. The flexibility and resistance of this cryogenic hoses guarantee a safe operation and easy handling during the refilling of liquid cylinders. The spiral support spring protects the hoses giving a longer term life.

Features

- Stainless steel corrugated inner core, a 304 stainless steel single braid.
- Armor cover protection.
- Max Working Pressure: 1100 psi (76 bar) for ½" hoses.
- Max Working Pressure: 450 psi (31.0 bar) for 1" hoses.
- Minimum Operating Temperature -454°F (-270°C)
- Serial number included
- 100% pressure tested

Materials

Core tube..... 321/316 Stainless Steel
 Exterior Braid..... 304 Stainless Steel
 Armor..... 304 Stainless Steel
 Ferrule, Flare, Tube..... 304L/316 Stainless Steel
 Nut..... 304/316 Stainless Steel



CHS-440-440-072

Ordering Information

Old Part Number	New Part Number	Size	Length Inches (mts)	Double Armor Cover	Spiral Supporting Spring	End Connections				
CHS-440-440-24	CHS-4-440-440-024	½"	24 (0.60)			CGA 440 (5/8 45° SAE)				
CHS-440-440-36	CHS-4-440-440-036		36 (0.90)							
CHS-440-440-48	CHS-4-440-440-048		48 (1.20)							
CHS-440-440-60	CHS-4-440-440-060		60 (1.50)							
CHS-440-440-72	CHS-4-440-440-072		72 (1.80)							
CHS-440-440-96	CHS-4-440-440-096		96 (2.40)							
CHS-440-440-120	CHS-4-440-440-120		120 (3.0)							
CHS-440-440-144	CHS-4-440-440-144		144 (3.60)							
CHS-440-440-197	CHS-4-440-440-197		197 (5.0)							
CHS-440-440-240	CHS-4-440-440-240		240 (6.0)							
11910-072	CHS-8-514-514-072	1"	72 (1.80)	Yes	No	SAE J514 (37° Flare JIC)				
11910-120	CHS-8-514-514-120		120 (3.0)							
11910-144	CHS-8-514-514-144		144 (3.60)							
11910-156	CHS-8-514-514-156		156 (3.90)							
11910-180	CHS-8-514-514-180		180 (4.50)							
11910-197	CHS-8-514-514-197		197 (5.0)							
11910-240	CHS-8-514-514-240X		240 (6.0)							
14340-120	CHS-8-514-514-072X		120 (3.0)							
14340-144	CHS-8-514-514-120X		144 (3.60)							
14340-156	CHS-8-514-514-144X		156 (3.90)							
14340-180	CHS-8-514-514-180X		180 (4.50)							
14340-197	CHS-8-514-514-197X		197 (5.0)							
14340-240	CHS-8-514-514-240X		240 (6.0)							
14340-120 Special	CHS-8-514-514-072XS		120 (3.0)							
14340-144 Special	CHS-8-514-514-120XS		144 (3.60)							
									Yes	