

Product Information Bulletin

RYCO is proud to release the new H5000C Icebreaker Spiral Hose.

LOW TEMPERATURE ISOBARIC SPIRAL HOSE

H5000C

LOW TEMPERATURE
ISOBARIC SPIRAL HOSE
350 BAR / 5100 PSI
MILLION CYCLE



RECOMMENDED FOR:

Very high pressure hydraulic oil lines in application where low temperature environmental conditions exist. Constant pressure (Isobaric) 350 bar / 5100 psi in all sizes. Small bend radius is an advantage in installations.

PERFORMANCE:

Meets or Exceeds the Performance Requirements of: EN 856 Type R13, ISO 18752-CC, SAE100R13.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

Four alternating layers of spiralled high tensile steel wire.

COVER:

Black, oil and abrasion resistant synthetic rubber.

FEATURES:

Low temperature hose (-60°C/-76°F). Tested to **1 million impulse cycles** at up to 1/2 SAE 100R13 Minimum Bend Radius. Constant pressure 350 bar / 5100 psi in all sizes for easy system design and hose selection. Small bend radius is an advantage in installations.

TEMPERATURE RANGE:

-60°C to +121°C, -76°F to +250°F.

WORKING PRESSURE:

Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure).

THIRD PARTY APPROVALS:

ABS, DNV, GL, LR, MED and USCG.

COUPLINGS:

BITELOK NON-SKIVE ONE-PIECE CRIMP T7000 Series (sizes -12 to -20)

H5000C - ICEBREAKER ISOBARIC SPIRAL HOSE															
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
H5012C	19	-12	19,1	3/4	29,6	1.17	350	5100	1400	20400	120	4.7	1,21	0.81	T7000
H5016C	25	-16	25,4	1	36,8	1.45	350	5100	1400	20400	150	5.9	1,72	1.16	T7000
H5020C	31	-20	31,8	1.1/4	45,0	1.77	350	5100	1400	20400	210	8.3	2,42	1.63	T7000

Refer to the latest RYCO Crimp Charts for crimp diameter and mark lengths.

For additional information please contact RYCO Product Management or your local RYCO representative. For coupling specifications and assembly instructions see the latest RYCO Product Technical Manual - Hydraulics and the latest Crimp Chart on our website, www.RYCO.com.au.

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