

H400D

**EXTRA ABRASION RESISTANT
FRAS
ISOBARIC SPIRAL HOSE
280 BAR / 4100 PSI**



MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF:
SAE100 R12, EN 856 TYPE R12 & EN 856 TYPE 4SP (SIZE DN25, -16)
Third Party Approvals: ABS, DNV, GL, LR, MED, USCG

RECOMMENDED FOR:

High pressure hydraulic lines in applications where the outside cover of the hose is subjected to abrasion that may cause premature failure of standard hoses.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

Multiple alternating layers of spiralled high tensile steel wire.

COVER:

DIEHARD™ Black, oil and extra abrasion resistant synthetic rubber. Flame Resistant, Anti-Static (FRAS) & MSHA compliant. Highly visible layline branding for easy and permanent identification. No skiving required with T700 Series BITELOK Crimp Couplings.

FEATURES:

Large selection of matched RYCO couplings.
Constant pressure 280 bar/4100 psi in all sizes for easy system design and hose selection.
Small bend radius is an advantages in installations.

BEND RADIUS:

Very small bend radius.
2/3 MBR (2/3 SAE Minimum Bend Radius) for easy installation.
Allows for compact system designs; saves money.

FRAS - FLAME RESISTANCE AND ANTI-STATIC:

Complies with Flame Resistant and Electrical Resistance (Anti-Static) requirements of Australian Standard AS 2660 and Methods of Test AS 1180.10B and 13A. Meets Flame Resistant Designation "U.S. MSHA" of the US Department of Labor, Mine Safety and Health Administration.

TEMPERATURE RANGE:

-40°C to +121°C (-40°F to +250°F).
For water, emulsions, etc. contact RYCO.







WORKING PRESSURE:

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

COUPLINGS:

**BITELOK NON-SKIVE ONE-PIECE CRIMP
T700 Series.**

Assembly Instructions per RYCO Product Technical Manual.

H400D - DIEHARD ISOBARIC SPIRAL HOSE													
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
H4008D	12	-08	12,7	1/2	22,7	0.89	280	4100	120	4.7	0,78	0.52	T700
H4010D	16	-10	15,9	5/8	24,9	0.98	280	4100	130	5.1	0,95	0.64	T700
H4012D	19	-12	19,1	3/4	30,0	1.18	280	4100	160	6.3	1,14	0.77	T700
H4016D	25	-16	25,4	1	36,9	1.45	280	4100	200	7.9	1,68	1.13	T700
H4020D	31	-20	31,8	1.1/4	44,0	1.73	280	4100	265	10.4	2,07	1.39	T700
H4024D	38	-24	38,1	1.1/2	50,8	2.00	280	4100	330	13.0	2,65	1.78	T700
H4032D	51	-32	50,8	2	65,2	2.57	280	4100	400	15.7	4,30	2.89	T700

Contact RYCO for Crimp Diameter and Mark Length for BITELOK Couplings.