

4SH

EXTRA HIGH PRESSURE
FOUR SPIRAL HOSE

Brand

RYCO



Recommended For:

Extra high pressure hydraulic oil lines.

Performance:

Meets or Exceeds the Requirements of
EN 856 Type 4SH, ISO 3862 Type 4SH.

Tube:

Black, oil resistant synthetic rubber.

Reinforcement:

Four 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.

Fras - Flame Resistance and Anti-Static:

DIEHARD™ complies with Flame Resistant and Electrical
Resistant (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:

From -40 °C to +100 °C (-40 °F to + 212 °F)
For water, emulsion etc.

Working Pressure:

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

Third Party Approvals:

ABS, DNV-GL, LR, MED, USGC, GOST-R, BV, RINA, KR, &
MA-KA.



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T2D - DIEHARD NON-SKIVE HOSE														
PART NO		HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft
4SH12D	DN19	-12	19.3	3/4"	31.9	1.26	420	6,100	1,680	24,400	280	11.02	1.46	0.98
4SH16D	DN25	-16	25.8	1"	38.4	1.51	380	5,500	1,520	22,000	340	13.39	2.04	1.37
4SH20D	DN31	-20	32.2	1 1/4"	45.7	1.80	350	5,100	1,400	20,400	460	18.11	2.66	1.79
4SH24D	DN38	-24	38.6	1 1/2"	53.3	2.10	300	4,350	1,200	17,400	560	22.05	3.23	2.17
4SH32D	DN51	-32	51.4	2"	67.9	2.67	250	3,625	1,000	14,500	700	27.56	4.62	3.10



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