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T2D

EXTRA ABRASION RESISTANT FRAS TWO WIRE BRAID HOSE



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

PERFORMANCE:
Meets or Exceeds the Performance Requirements of: AS 3791 100R2AT, DIN 20022 - 2SN, EN 853 Type 2SN, ISO 1436 Types R2AT & 2SN, SAE 100R2AT.

TUBE:
Black, oil resistant synthetic rubber.

REINFORCEMENT:
Two braids of 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 T2000 and T7000 Series Crimp Couplings and L000 Series Field Attachable Couplings.

FEATURES:
The very high abrasion resistant properties of the cover, combined with the high working pressures and excellent impulse life when tested to EN 853 Type 2SN/SAE 100R2AT test conditions result in, increased service life and minimise equipment downtime.

FRAS - FLAME RESISTANCE AND ANTI-STATIC:
DIEHARD™ 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:
From -40°C to +100°C (-40°F to +212°F).
For water, emulsions etc. see page 58..

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, USCG, GOST-R, BV, RINA, KR & MA-KA.

COUPLINGS:

NON-SKIVE ONE-PIECE CRIMP
T2000 Series (sizes -04 to -48) pages 187 to 232.
T7000 Series (sizes -06 to -32) pages 272 to 302.
Assembly Instructions pages 478.

FIELD ATTACHABLE NON-SKIVE
6000 SERIES insert (sizes -04 to -20) pages 250 to 271.
L000 Series ferrule (sizes -04 to -20) page 353.
Assembly Instructions page 476.

T2D - DIEHARD NON-SKIVE HOSE			NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES		
PART NO	HOSE SIZE														ONE PIECE		FIELD ATT
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE		
T24D	6	-04	6,6	1/4	14,6	0.59	420	6100	1680	24400	100	3.9	0,35	0.24	T2000		6000 (L000)
T25D	8	-05	8,2	5/16	16,4	0.65	350	5100	1400	20400	114	4.5	0,42	0.28	T2000		
*T26D	10	-06	9,8	3/8	18,5	0.74	350	5100	1400	20400	125	5.0	0,51	0.34	T2000	T7000	6000 (L000)
T28D	12	-08	13,0	1/2	21,7	0.86	350	5100	1400	20400	178	7.0	0,65	0.44	T2000	T7000	6000 (L000)
*T210D	16	-10	16,2	5/8	24,9	0.99	250	3600	1000	14400	200	7.9	0,75	0.50	T2000	T7000	6000 (L000)
T212D	19	-12	19,1	3/4	28,9	1.15	215	3100	860	12400	240	9.5	0,93	0.62	T2000	T7000	6000 (L000)
T216D	25	-16	25,4	1	37,3	1.48	175	2500	700	10000	300	11.8	1,30	0.87	T2000	T7000	6000 (L000)
*T220D	31	-20	31,8	1.1/4	47,2	1.87	140	2000	560	8000	420	16.5	1,97	1.33	T2000	T7000	6000 (L000)
T224D	38	-24	38,1	1.1/2	54,2	2.13	100	1450	400	5800	500	19.7	2,48	1.67	T2000	T7000	
T232D	51	-32	50,8	2	66,8	2.63	90	1300	360	5200	600	23.6	3,02	2.03	T2000	T7000	
T240D	63	-40	63,5	2.1/2	80,1	3.15	70	1000	280	4000	760	29.9	3,70	2.49	T2000		
T248D	76	-48	76,2	3	91,3	3.59	70	1000	280	4000	900	35.4	3,99	2.68	T2000		

* Hoses must only be used at current MBR (not half the SAE MBR) when used with T7000 couplings.
- When using B000 Series Field Attachable Couplings on T2D Series Hose, cover of hose must be skived at ends. Refer to the latest RYCO Crimp Charts for crimp diameter and mark lengths.