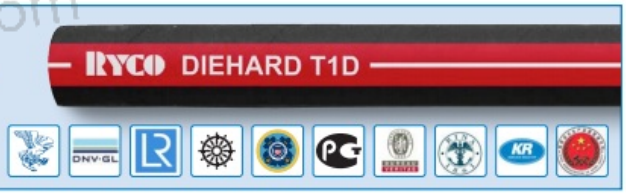
Urb. Sta Adriana Mz 3 Sl 7, Av J.T. Marengo Km 5 1/2, Guayaquil-Ecuador
GYE: (593-4) 6005004 - (593-4) 6005005
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T1D

EXTRA ABRASION RESISTANT FRAS ONE 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 100R1AT, DIN 20022-1SN, EN 853 Type 1SN, ISO 1436 Types R1AT & 1SN, SAE 100R1AT.

TUBE:
Black, oil resistant synthetic rubber.

REINFORCEMENT:
One braid 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 Series Crimp Couplings and K000 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 1SN/SAE 100R1AT 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 -03 to -32) pages 187 to 232.
Assembly Instructions pages 478.

FIELD ATTACHABLE NON-SKIVE
6000 SERIES insert (sizes -03 to -16) pages 250 to 271.
K000 Series ferrule (sizes -03 to -16) page 353.
Assembly Instructions page 476.

T1D - 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	
T13D	5	-03	4,8	3/16	11,7	0.46	250	3600	1000	14500	35	1.4	0,19	0.13	T2000	6000 (K000)
T14D	6	-04	6,6	1/4	13,3	0.52	225	3250	900	13000	40	1.5	0,22	0.15	T2000	6000 (K000)
T15D	8	-05	8,2	5/16	14,9	0.59	215	3100	860	12400	50	2.0	0,25	0.17	T2000	
T16D	10	-06	9,8	3/8	17,3	0.68	180	2600	720	10400	50	2.0	0,31	0.21	T2000	6000 (K000)
T18D	12	-08	13,0	1/2	20,3	0.80	160	2300	640	9200	75	3.0	0,39	0.26	T2000	6000 (K000)
T110D	16	-10	16,2	5/8	23,6	0.93	130	1900	520	7600	90	3.5	0,49	0.33	T2000	6000 (K000)
T112D	19	-12	19,1	3/4	27,6	1.09	105	1500	420	6000	110	4.3	0,62	0.42	T2000	6000 (K000)
T116D	25	-16	25,4	1	35,5	1.40	90	1300	360	5200	140	5.5	0,90	0.60	T2000	6000 (K000)
T120D	31	-20	31,8	1.1/4	43,2	1.70	65	945	260	3780	210	8.3	1,21	0.81	T2000	
T124D	38	-24	38,1	1.1/2	50,2	1.98	50	725	200	2900	250	9.8	1,45	0.97	T2000	
T132D	51	-32	50,8	2	63,6	2.50	40	580	160	2320	315	12.4	2,09	1.40	T2000	

* When using A000 Series Field Attachable Couplings on T1D Series Hose, cover of hose must be skived at ends.
Refer to the latest RYCO Crimp Charts for crimp diameter and mark lengths.