IMPORTADORA
CHIRIBOGA
& JARA S.A.

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T3000D

EXTRA ABRASION RESISTANT
FRAS
COMPACT ISOBARIC HOSE
215 BAR / 3100 PSI
MILLION CYCLE



RECOMMENDED FOR:
High pressure hydraulic oil lines. Constant pressure (Isobaric) 215 bar / 3100 psi in all sizes. Small bend radius and compact dimensions are advantages in installations.

PERFORMANCE:
Meets or Exceeds the Performance Requirements of:
ISO 18752-BC, SAE 100R17.

TUBE:
Black, oil resistant synthetic rubber.

REINFORCEMENT:
One braid (-04 to -08 size) or two braids (-10 to -16 size) 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.

FEATURES:
Tested to **1 million impulse cycles**.
Constant pressure 215 bar / 3100 psi in all sizes for easy system design and hose selection. Small bend radius and compact dimensions are advantages in installations.

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 1180.108 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 +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, CLASSNK, GOST-R, BV, RINA and KR.

COUPLINGS:
NON-SKIVE ONE-PIECE CRIMP
T2000 Series (sizes -04 to -16) pages 187 to 232.
Assembly Instructions pages 478.

T3000D – DIEHARD COMPACT ISOBARIC HOSE			NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE
PART NO	HOSE SIZE														
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
T3004D	6	-04	6,6	1/4	11,8	0.46	245	3500	980	14000	38	1.5	0,16	0.11	T2000
T3005D	8	-05	8,2	5/16	14,4	0.57	245	3500	980	14000	40	1.6	0,23	0.15	T2000
T3006D	10	-06	9,8	3/8	15,6	0.61	215	3100	860	12400	65	2.6	0,26	0.18	T2000
T3008D	12	-08	13,0	1/2	18,7	0.74	215	3100	860	12400	90	3.6	0,36	0.24	T2000
T3010D	16	-10	16,2	5/8	23,4	0.92	215	3100	860	12400	100	3.9	0,56	0.38	T2000
T3012D	19	-12	19,1	3/4	27,6	1.09	215	3100	860	12400	120	4.7	0,78	0.52	T2000
T3016D	25	-16	25,4	1	34,8	1.37	215	3100	860	12400	150	5.9	1,14	0.77	T2000

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

T3000D

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