











**T5000D**  
**EXTRA ABRASION RESISTANT FRAS**  
**COMPACT ISOBARIC HOSE**  
**350 BAR / 5100 PSI**



**T5000 DIEHARD**

**RECOMMENDED FOR:**

Very high pressure hydraulic oil lines. Constant pressure (Isobaric) 350 bar / 5100 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.

**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 Series Crimp Couplings.

**FEATURES:**

Constant pressure 350 bar / 5100 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 1180,10B 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 +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 and KR.

**COUPLINGS:**

**NON-SKIVE ONE-PIECE CRIMP**

**T2000 Series** (sizes -04 to -16) pages 187 to 232.

Assembly Instructions pages 478.

T5000D - DIEHARD COMPACT ISOBARIC HOSE															
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES	
		mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	ONE PIECE	
<b>T5004D</b>	6 -04	6,6	1/4	13,2	0,52	350	5100	1400	20400	50	2,0	0,28	0,19	T2000	
<b>T5005D</b>	8 -05	8,2	5/16	15,6	0,61	350	5100	1400	20400	55	2,2	0,34	0,23	T2000	
<b>T5006D</b>	10 -06	9,8	3/8	17,1	0,67	350	5100	1400	20400	65	2,6	0,41	0,28	T2000	
<b>T5008D</b>	12 -08	13,0	1/2	20,6	0,81	350	5100	1400	20400	90	3,6	0,57	0,38	T2000	

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

T5000D

Chiriboga & Jara S.A.