

T3600D

**EXTRA ABRASION RESISTANT
FRAS
COMPACT ISOBARIC HOSE
250 BAR / 3625 PSI**



INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

TECHNICAL

RECOMMENDED FOR:

High pressure hydraulic oil lines. Constant pressure (isobaric) 250 bar / 3625 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:

One braid (-04 to -06 size) or two braids (-08 to -16 size) of high tensile 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:

Extremely Flexible. Minimum Bend Radius 25% less than published SAE 100R17 Minimum Bend Radius. Tested to 500,000 impulse cycles. Constant pressure 250 bar / 3625 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 189 to 234.
Assembly Instructions pages 480.

T3600D - 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 ONE PIECE	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
T3604D	6	-04	6,6	1/4	11,8	0,46	250	3625	1000	14500	38	1,5	0,16	0,11	T2000
T3605D	8	-05	8,2	5/16	14,4	0,57	250	3625	1000	14500	40	1,6	0,23	0,15	T2000
T3606D	10	-06	9,8	3/8	15,6	0,61	250	3625	1000	14500	49	1,9	0,27	0,18	T2000
T3608D	12	-08	13,0	1/2	19,9	0,78	250	3625	1000	14500	68	2,7	0,45	0,30	T2000
T3610D	16	-10	16,2	5/8	23,4	0,92	250	3625	1000	14500	75	3,0	0,61	0,41	T2000
T3612D	19	-12	19,1	3/4	27,6	1,09	250	3625	1000	14500	90	3,6	0,78	0,52	T2000
T3616D	25	-16	25,4	1	35,2	1,39	250	3625	1000	14500	115	4,5	1,30	0,87	T2000

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