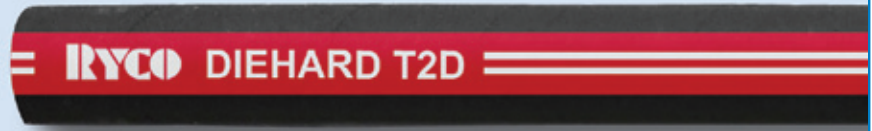


# T2D

**EXTRA ABRASION RESISTANT  
FRAS  
TWO WIRE BRAID HOSE**



MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SAE 100R2AT, AS 3791 100R2AT, DIN 20022-2SN, EN 853 TYPE 2SN, ISO 1436 TYPE 2AT.  
Third Party Approvals: ABS, DNV, GL, LR, MED, USCG

**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.

**TUBE:**

Black, oil resistant synthetic rubber. (Nitrile).

**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 T200 & T700 Series BITELOK Crimp Couplings and L 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:**

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. contact RYCO.

**WORKING PRESSURE:**

Maximum working pressures are based on 4:1 safety factor (minimum burst to maximum working pressure).

**COUPLINGS:**

**BITELOK NON-SKIVE ONE-PIECE CRIMP**

**T200 Series** (sizes -4 to -20).

**T700 Series** (sizes -6 to -32).

Assembly Instructions per RYCO Product Technical Manual.

**Field Attachable NON-SKIVE**

**L Series** (sizes -4 to -20).

Assembly Instructions per RYCO Product Technical Manual.

**FIELD ATTACHABLE SKIVE**

**B Series\*** (sizes -24 & -32).

Assembly Instructions per RYCO Product Technical Manual.

**B SERIES SKIVE LENGTH:**

**SKIVE LENGTHS FOR B SERIES ARE AS FOLLOWS;**

**T224D:** 53mm

**T232D:** 58mm

T2D – DIEHARD NON-SKIVE HOSE																
PART NO	HOSE SIZE		NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES			
	DN	Dash	mm	inch	mm	inch	bar	psi	mm	inch	kg/m	lb/ft	ONE PIECE	FIELD ATTACH		
<b>Hose</b>	<b>DN</b>	<b>Dash</b>	<b>mm</b>	<b>inch</b>	<b>mm</b>	<b>inch</b>	<b>bar</b>	<b>psi</b>	<b>mm</b>	<b>inch</b>	<b>kg/m</b>	<b>lb/ft</b>	<b>NON-SKIVE</b>	<b>600 SERIES</b>		
<b>T24D</b>	6	<b>-04</b>	6,4	1/4	15,0	0.59	420	6000	100	4.0	0,39	0.26	T200		L00	
<b>T26D</b>	10	<b>-06</b>	9,5	3/8	19,0	0.75	350	5100	127	5.0	0,57	0.38	T200	T700	L00	
<b>T28D</b>	12	<b>-08</b>	12,7	1/2	22,0	0.87	350	5100	178	7.0	0,66	0.44	T200	T700	L00	
<b>T212D</b>	19	<b>-12</b>	19,1	3/4	29,1	1.15	215	3100	240	9.5	0,96	0.65	T200	T700	L00	
<b>T216D</b>	25	<b>-16</b>	25,4	1	37,7	1.48	175	2540	300	12.0	1,37	0.92	T200	T700	L00	
<b>T220D</b>	31	<b>-20</b>	31,8	1.1/4	48,0	1.89	140	2030	419	16.5	2,03	1.36	T200	T700	L00	
<b>T224D</b>	38	<b>-24</b>	38,1	1.1/2	54,4	2.14	100	1450	500	20.0	2,75	1.85		T700		*B00
<b>T232D</b>	51	<b>-32</b>	50,8	2	67,3	2.65	90	1305	600	24.0	3,50	2.35		T700		*B00
<b>T240D</b>	63	<b>-40</b>	63,5	2.1/2	80,1	3.15	70	1000	760	30.0	3,78	2.54	T700, 1200 TWO-PIECE			
<b>T248D</b>	76	<b>-48</b>	76,2	3	91,3	3.59	70	1000	900	35.4	3,99	2.68	T700, 1200 TWO-PIECE			

\*When using B Series Field Attachable Couplings on T2D Series Hose, cover of hose must be skived at ends. Contact RYCO for Crimp Diameter and Mark Length for BITELOK Couplings.