

Print | Close



DIEHARD T2D

Meets or exceeds the performance requirements of SAE 100R2AT, AS 3791 100R2AT, DIN 20022-2SN, EN 853 Type 2SN, ISO 1436 Types R2AT & 2SN.

Third Party approvals: ABS, DNV, GL, LR, MED, USCG ([click to view](#)).

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.

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.

Tube:

Black, oil resistant synthetic rubber. (Nitrile).

Reinforcement:

One braid of high tensile steel wire.

Cover:

Black, extra abrasion resistant and oil resistant rubber. "FRAS" Flame Resistant and Anti-Static.

The weight loss of the cover under ISO 6945 method of test for abrasion resistance is less than 10% (less than 0,05 g) of that allowed by DIN 20022-2SN and EN 853 Type 2SN. 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.

Temperature Range:

From -40°C to +100°C (-40°F to +212°F).
For water, emulsions etc. [click to view](#)

Working Pressure:

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

Flame Resistance:

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.

Couplings:

BITELOK NON-SKIVE ONE-PIECE CRIMP
T200 Series (sizes -4 to -20) [click to view](#)
T700 Series (sizes -6 to -32) [click to view](#)
Assembly Instructions [click to view](#)

FIELD ATTACHABLE NON-SKIVE

L Series (sizes -4 to -20) [click to view](#)
Assembly Instructions [click to view](#)

FIELD ATTACHABLE SKIVE

B Series* (sizes -24 & -32) [click to view](#)
Assembly Instructions [click to view](#)

Hose Working Pressures 1 BAR = 14.5 PSI 1 MPA = 10 BAR

PART NO	HOSE SIZE ID			MAX. DYNAMIC WORKING PRESSURE		MIN. BURST PRESSURE	
	DN	INCH	DASH	BAR	PSI	BAR	PSI
T24D	6	1/4	-04	420	6000	1680	24000
T25D	8	5/16	-05	350	5100	1400	20400
T26D	10	3/8	-06	350	5100	1400	20400
T28D	12	1/2	-08	350	5100	1400	20400
T210D	16	5/8	-10	250	3600	1000	14500
T212D	19	3/4	-12	215	3100	860	12400
T216D	25	1	-16	175	2540	700	10150
T220D	31	1.1/4	-20	140	2030	560	8120
T224D	38	1.1/2	-24	100	1450	400	5800
T232D	51	2	-32	90	1305	360	5220

Hose Dimensions						Matched Couplings					
PART NO	MINIMUM BEND RADIUS		AVERAGE WEIGHT		NOMINAL HOSE OD		B SERIES SKIVE LENGTH	FIELD ATTACHABLE L (&B) SERIES		BITELOK ONE PIECE CRIMP	
	MM	INCH	KGS/M	LBS/FT	MM	INCH		MM	INSERT		FERRULE
T24D	100	4.0	0,39	0.26	15,0	0.59		600 SERIES	L00-04	T200	
T25D	114	4.5	0,46	0.31	16,6	0.65				T200	
T26D	127	5.0	0,57	0.38	19,0	0.75		600 SERIES	L00-06	T200	T700
T28D	178	7.0	0,66	0.44	22,0	0.87		600 SERIES	L00-08	T200	T700
T210D	200	8.0	0,80	0.54	25,2	0.99		600 SERIES	L00-10	T200	T700
T212D	240	9.5	0,96	0.65	29,1	1.15		600 SERIES	L00-12	T200	T700
T216D	300	12.0	1,37	0.92	37,7	1.48		600 SERIES	L00-16	T200	T700
T220D	419	16.5	2,03	1.36	48,0	1.89		600 SERIES	L00-20	T200	T700
T224D	500	20.0	2,75	1.85	54,4	2.14	53	600 SERIES	*B00-24		T700
T232D	600	24.0	3,50	2.35	67,3	2.65	58	600 SERIES	*B00-32		T700

*When using B Series Field Attachable Couplings on T2D Series Hose, cover of hose must be skived at ends.

