

# DF1D

EXTRA ABRASION RESISTANT  
FRAS  
ONE WIRE BRAID  
COMPACT HOSE



#### 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.

#### PERFORMANCE:

Meets or Exceeds the Performance Requirements of:  
EN 857 Type 1SC, ISO 11237 Type 1SC.

#### TUBE:

Black, oil resistant synthetic rubber.

#### REINFORCEMENT:

One braid 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 BITELOK Crimp Couplings.

#### FEATURES:

The very high abrasion resistant properties of the cover, combined with the high working pressures and excellent impulse life, results in increased service life and minimises equipment downtime.

#### 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 Labour, Mine Safety and Health Administration.

#### TEMPERATURE RANGE:

From -40°C to +100°C (-40°F to +212°F).

#### WORKING PRESSURE:

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

#### COUPLINGS:

**BITELOK NON-SKIVE ONE-PIECE CRIMP  
T2000 Series** (sizes -04 to -16).

Not suitable for use with field attachable couplings. Refer to Product Technical Manual - Hydraulics for assembly instructions.

DF1D - DINFLEX NON-SKIVE 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							
<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>bar</b>	<b>psi</b>	<b>mm</b>	<b>inch</b>	<b>kg/m</b>	<b>lb/ft</b>	<b>NON-SKIVE</b>
<b>DF14D</b>	6	-04	6,4	1/4	12,2	0.48	225	3250	900	13000	50	1.97	0,20	0.13	T2000
<b>DF15D</b>	8	-05	7,9	5/16	13,9	0.55	215	3100	860	12400	55	2.17	0,22	0.15	T2000
<b>DF16D</b>	10	-06	9,5	3/8	15,6	0.61	180	2600	720	10400	65	2.56	0,26	0.17	T2000
<b>DF18D</b>	12	-08	12,7	1/2	19,0	0.75	160	2300	640	9200	85	3.35	0,33	0.22	T2000
<b>DF110D</b>	16	-10	15,9	5/8	20,2	0.80	130	1900	520	7600	100	3.94	0,44	0.30	T2000
<b>DF112D</b>	19	-12	19,1	3/4	25,6	1.01	105	1500	420	6000	115	4.53	0,50	0.34	T2000
<b>DF116D</b>	25	-16	25,4	1	33,6	1.32	88	1280	352	5120	150	5.91	0,75	0.50	T2000

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