

DK1D

EXTRA ABRASION RESISTANT
EXTRA HIGH PRESSURE
FRAS
COMPACT ONE WIRE BRAID HOSE



RECOMMENDED FOR:

Extra high pressure hydraulic oil lines in applications where the hose cover is subjected to abrasion. Compact dimensions and small bend radius are advantages in installations where space is limited.

PERFORMANCE:

Exceeds the Performance Requirements of: EN 857 Type 15C, ISO 11237 Type 15C.

CONSTRUCTION:

RYCO Proprietary DK1D design.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

One braid of high tensile steel wire.

COVER:

DIEHARD™ Black, oil, ozone 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 and T3000 Series BITELOK Crimp Couplings.

FEATURES:

The very high abrasion resistant properties of the cover, combined with the extra high working pressures and excellent impulse life, results in increased service life and minimises equipment downtime. Compact dimensions and small bend radius are advantages in installations where space is limited.

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, and requirements of ISO 6805 when tested in accordance with ISO 8030 and ISO 8031.

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).

T3000 Series (sizes -16 to -20).

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

DK1D - COMPACT EXTRA HIGH PRESSURE 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	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
DK14D	6	-04	6,6	1/4	11,6	0.46	295	4280	1180	17120	40	1.6	0,16	0.11	T2000
DK15D	8	-05	7,8	5/16	13,4	0.53	250	3625	1000	14500	50	2.0	0,20	0.13	T2000
DK16D	10	-06	9,8	3/8	15,0	0.59	230	3340	920	13360	65	2.6	0,24	0.16	T2000
DK18D	12	-08	13,0	1/2	18,3	0.72	200	2900	800	11600	80	3.1	0,31	0.21	T2000
DK110D	16	-10	16,1	5/8	21,5	0.85	150	2175	600	8700	100	3,9	0,38	0.26	T2000
DK112D	19	-12	19,1	3/4	24,7	0.97	125	1815	500	7260	120	4.7	0,44	0.30	T2000
DK116D	25	-16	25,4	1	31,6	1.24	110	1600	440	6400	150	5,9	0,61	0.41	T2000 T3000
DK120D	31	-20	31,8	1.1/4	38,4	1.51	100	1450	400	5800	200	7.9	0,79	0.53	T3000

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