

DK2S

EXTREMELY ABRASION RESISTANT
EXTRA HIGH PRESSURE
COMPACT TWO WIRE BRAID HOSE



TESTED UP TO 1 MILLION CYCLES

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 2SC, ISO 6805 Type 1 & Type 2, ISO 6805 Type 4 (sizes -10 and above), ISO 11237 Type 2SC.

CONSTRUCTION:

RYCO Proprietary DK2S design.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

Two braids of high tensile steel wire.

COVER:

SLIDER Black, oil and extremely abrasion resistant synthetic rubber sheathed with a layer of extremely abrasion resistant polyethylene. Flame Resistant, MSHA compliant. Highly visible layline branding for easy and permanent identification. No skiving required with T2000 Series BITELOK Crimp Couplings.

FEATURES:

The extremely 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.

MSHA - FLAME RESISTANCE:

SLIDER complies with Flame Resistant requirements of Australian Standard AS 2660 and Methods of Test AS 1180.10B. 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).

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 -20).

DK2S - 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
DK24S	6	-04	6,6	1/4	13,7	0,54	450	6525	1800	26100	45	1.8	0,30	0.20	T2000
DK25S	8	-05	7,8	5/16	15,2	0,60	420	6100	1680	24400	60	2.4	0,36	0.24	T2000
DK26S	10	-06	9,8	3/8	17,1	0,67	385	5590	1540	22360	70	2.8	0,41	0.27	T2000
DK28S	12	-08	13,0	1/2	20,3	0,80	345	5000	1380	20000	90	3.6	0,55	0.37	T2000
DK210S	16	-10	16,1	5/8	24,1	0,95	290	4210	1160	16840	130	5.1	0,69	0.46	T2000
DK212S	19	-12	19,1	3/4	27,8	1,09	280	4100	1120	16400	160	6.3	0,88	0.59	T2000
DK216S	25	-16	25,4	1	35,6	1,40	200	2900	800	11600	210	8.3	1,31	0.88	T2000
DK220S	31	-20	31,8	1.1/4	43,5	1,71	175	2540	700	10160	280	11.0	1,70	1.14	T2000

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