

DK1S

EXTREMELY ABRASION RESISTANT
EXTRA HIGH PRESSURE
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 1SC, ISO 11237 Type 1SC.

CONSTRUCTION:

RYCO Proprietary DK1S design.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

One braid 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 and T3000 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 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 -16).

T3000 Series (sizes -16 to -20).

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

DK1S - SLIDER 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
DK14S	6	-04	6,6	1/4	11,6	0.46	295	4280	1180	17120	40	1.6	0,16	0.11	T2000
DK15S	8	-05	7,8	5/16	13,4	0.53	250	3625	1000	14500	50	2.0	0,20	0.13	T2000
DK16S	10	-06	9,8	3/8	15,0	0.59	230	3340	920	13360	65	2.6	0,24	0.16	T2000
DK18S	12	-08	13,0	1/2	18,3	0.72	200	2900	800	11600	80	3.1	0,31	0.21	T2000
DK110S	16	-10	16,1	5/8	21,5	0.85	150	2175	600	8700	100	3,9	0,38	0.26	T2000
DK112S	19	-12	19,1	3/4	24,7	0.97	125	1815	500	7260	120	4.7	0,44	0.30	T2000
DK116S	25	-16	25,4	1	31,6	1.24	110	1600	440	6400	150	5,9	0,61	0.41	T2000 T3000
DK120S	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.