

DK2E

EXTRA HIGH PRESSURE
COMPACT TWO WIRE BRAID HOSE



TESTED UP TO 1 MILLION CYCLES

RECOMMENDED FOR:

High pressure hydraulic oil lines. Ideal for high pressure use that requires a compact outside diameter and smaller bend radius than some other two wire braid hoses.

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 DK2E design.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

Two braids of high tensile steel wire.

COVER:

Black, oil resistant synthetic rubber. No skiving required with T2000 Series BITELOK Crimp Couplings.

FEATURES:

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.

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).

| DK2E - 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 |
| DK24E | 6 | -04 | 6,6 | 1/4 | 13,7 | 0.54 | 450 | 6525 | 1800 | 26100 | 45 | 1.8 | 0,30 | 0.20 | T2000 |
| DK25E | 8 | -05 | 7,8 | 5/16 | 15,2 | 0.60 | 420 | 6100 | 1680 | 24400 | 60 | 2.4 | 0,36 | 0.24 | T2000 |
| DK26E | 10 | -06 | 9,8 | 3/8 | 17,1 | 0.67 | 385 | 5590 | 1540 | 22360 | 70 | 2.8 | 0,41 | 0.27 | T2000 |
| DK28E | 12 | -08 | 13,0 | 1/2 | 20,3 | 0.80 | 345 | 5000 | 1380 | 20000 | 90 | 3.6 | 0,55 | 0.37 | T2000 |
| DK210E | 16 | -10 | 16,1 | 5/8 | 24,1 | 0.95 | 290 | 4210 | 1160 | 16840 | 130 | 5.1 | 0,69 | 0.46 | T2000 |
| DK212E | 19 | -12 | 19,1 | 3/4 | 27,8 | 1.09 | 280 | 4100 | 1120 | 16400 | 160 | 6.3 | 0,88 | 0.59 | T2000 |
| DK216E | 25 | -16 | 25,4 | 1 | 35,6 | 1.40 | 200 | 2900 | 800 | 11600 | 210 | 8.3 | 1,31 | 0.88 | T2000 |
| DK220E | 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.