



EFG5K SPIRAL WIRE HOSE

SAE 100R13

EXTREMELY HIGH PRESSURE - HYDRAULIC

General applications

#								
	inch	mm	bar	psi	bar	psi	mm	lbs / per ft
6EFG5K	3/8	0.80	35	5,000	140	20,000	65	13.4
8EFG5K	1/2	0.95	35	5,000	140	20,000	90	16.2
10EFG5K	5/8	1.09	35	5,000	140	20,000	100	22.6
12EFG5K	3/4	1.24	35	5,000	140	20,000	120	25.1
16EFG5K	1	1.53	35	5,000	140	20,000	150	37
20EFG5K	1 1/4	1.97	35	5,000	140	20,000	210	69
24EFG5K	1 1/2	2.26	35	5,000	140	20,000	250	80
32EFG5K	2	2.80	35	5,000	140	20,000	315	120
40EFG5K	2 1/2	3.35	35	5,000	140	20,000	762	6.3

APPLICATIONS

Extremely high pressure high-impulse applications. Exceeds all requirements of ISO 18752 Grade D and SAE 100R13 and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-10, and -12), EN 856 R13, and ISO 3862 Type R13 (-12, -16, -20, -24, -32). Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum based fluids Available in 121' through 200' continuous lengths.

FEATURES

- Each hose features a constant working pressure.
- Four alternating layers (six in some larger sizes) of spiraled, high tensile steel.
- Nitrile tube for use with biodegradable hydraulic fluids (Chlorprene for G8K).
- Tested to industry-leading 1,000,000 impulse cycles.

CONSTRUCTION

Core tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).
Pressure reinforcement: Four (six for -20, -24 and -32) alternating layers of spiraled, high-tensile steel.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A), with color coded layline. Also available with unique abrasion resistant Mega Tuff® cover.
Colour: Black.

TEMPERATURE RANGE

-40°C to +121°C.

Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.