

EFG4K SPIRAL WIRE HOSE

SAE 100R12



EXTREMELY HIGH PRESSURE - HYDRAULIC

General applications

#								
	inch	mm	bar	psi	bar	psi	mm	lbs / per ft
6EFG4K	3/4	0.80	28	4,000	112	16,000	65	13.5
8EFG4K	1/2	0.94	28	4,000	112	16,000	90	16
10EFG4K	5/8	1.09	28	4,000	112	16,000	100	20.2
12EFG4K	3/4	1.21	28	4,000	112	16,000	120	21.8
16EFG4K	1	1.50	28	4,000	112	16,000	150	35.3
16EFG4K	1 1/4	1.85	28	4,000	112	16,000	210	52
48EFG4K	3	3.86	28	4,000	112	16,000	890	10

APPLICATIONS

Extremely high pressure, high-impulse applications. Exceeds all requirements of ISO 18752 Grade D, SAE 100R12, EN 856 R12 and ISO 3862 Type R12. 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 alternating layers of spiraled, high-tensile steel wire.
Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A), with colour coded layline. Also available with unique abrasion resistant MegaTuff® 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.