



EFG6K SPIRAL WIRE HOSE - SAE 100R15

SPIRAL WIRE

RECOMMENDED FOR Extremely high-pressure, high-impulse applications such as hydrostatic transmissions. EFG6K is designed to meet or exceed all requirements of SAE 100R15 specifications and performance requirements of EN 856 4SP (-6, -8, -10 and -12), EN 856 4SH (-12, -16, and -20) and ISO 3862 Type R15 (-6, -8, -10, -12, -16, -24). 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.



TUBE	Black, oil resistant, synthetic rubber (Nitrile). See Hose Stock Characteristics.
REINFORCEMENT	Four (six for -20, -24 and -32) alternating layers of spiraled, high-tensile steel.
COVER	Black, oil resistant, synthetic rubber (Polychloroprene), with color coded layline. Also available with unique abrasion resistant MegaTuff® cover. See Hose Stock Characteristics.
TEMPERATURE RANGE	-40 °F to +250 °F (-40 °C to +121 °C). For water emulsions see Temperature Limits Table.

For Biodegradable Hydraulic Fluids. Meets Flame Resistance Acceptance Designation "MSHA 2G". Tested to Industry Leading 1,000,000 impulse cycles.

PART DESCRIPTION	DN	ID (IN)	OD		WP		BURST		MBR		WEIGHT	
			IN	MM	PSI	MPA	PSI	MPA	IN	MM	LBS/FT	KG/M
6EFG6K	10	3/8	0.80	20.3	6000	42.0	24000	168.0	2.5	64	0.50	0.74
8EFG6K	12	1/2	0.95	24.1	6000	42.0	24000	168.0	3.5	89	0.60	0.89
10EFG6K	16	5/8	1.09	27.7	6000	42.0	24000	168.0	4.0	102	0.90	1.34
12EFG6K	19	3/4	1.24	31.5	6000	42.0	24000	168.0	4.7	119	1.10	1.64
16EFG6K	25	1	1.53	38.9	6000	42.0	24000	168.0	6.0	152	1.70	2.53
20EFG6K	31	1-1/4	1.97	50.0	6000	42.0	24000	168.0	8.2	208	2.71	4.03
24EFG6K	38	1-1/2	2.26	57.4	6000	42.0	24000	168.0	10.0	254	3.40	5.06
32EFG6K	51	2	2.80	71.1	6000	42.0	24000	168.0	25.0	635	4.93	7.34

Note: Available in abrasion-resistant covers (XtraTuff®/MegaTuff®).

BRAIDED
SPIRAL
THERMOPLASTIC
OTHERS