



## EFG5K SPIRAL WIRE HOSE - SAE 100R13

### SPIRAL WIRE

RECOMMENDED FOR	Extremely high-pressure high-impulse applications. Exceeds all requirements of ISO 18752 Grade D (except for -24) 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.
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® or XtraTuff® covers. 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	WT
6EFG5K	10	3/8	0.80	20.3	5000	35.0	20000	140.0	2.5	64	0.47	0.70
8EFG5K	12	1/2	0.95	24.1	5000	35.0	20000	140.0	3.5	89	0.59	0.88
10EFG5K	16	5/8	1.09	27.7	5000	35.0	20000	140.0	4.0	102	0.78	1.16
12EFG5K	19	3/4	1.24	31.5	5000	35.0	20000	140.0	4.7	119	0.95	1.41
16EFG5K	25	1	1.53	38.9	5000	35.0	20000	140.0	6.0	152	1.55	2.31
20EFG5K	31	1-1/4	1.97	50.0	5000	35.0	20000	140.0	8.2	208	2.66	3.96
24EFG5K	38	1-1/2	2.26	57.4	5000	35.0	20000	140.0	10.0	254	2.97	4.42
32EFG5K	51	2	2.80	71.1	5000	35.0	20000	140.0	25.0	635	4.86	7.23
40EFG5K	63	2-1/2	3.35	85.1	5000	35.0	20000	140.0	30.0	762	6.30	9.38

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

BRAIDED  
SPIRAL

THERMOPLASTIC

OTHERS