

(Meets Flame Resistance Acceptance Designation "MSHA 2G")  
For Biodegradable Hydraulic Fluids

**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 - Type C). See Hose Stock Characteristics.

**Reinforcement:** Four (six for -20 and -24) alternating layers of spiraled, high-tensile steel.

**Cover:** Black, oil resistant, synthetic rubber (Neoprene - Type A). 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.

**Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):**  
GlobalSpiral™ Couplings (-6 through -20) (Section E)  
GlobalSpiral™ High Pressure Couplings (-24) (Section E)  
Stainless Steel "S" Couplings (Section H)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)
EFG6K-06	3/8"	0.80	6,000	24,000	2.5
EFG6K-08	1/2"	0.95	6,000	24,000	3.5
EFG6K-10	5/8"	1.09	6,000	24,000	4.0
EFG6K-12	3/4"	1.24	6,000	24,000	4.7
EFG6K-16	1"	1.53	6,000	24,000	6.0
EFG6K-20	1-1/4"	1.97	6,000	24,000	8.2
EFG6K-24	1-1/2"	2.26	6,000	24,000	10.0

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**Cover:** Black, oil resistant, synthetic rubber (Neoprene - Type A), 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.

**Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):**  
GlobalSpiral™ Couplings (-6 through -20) (Section E)  
GlobalSpiral™ High Pressure Couplings (-24 and -32) (Section E)  
Stainless Steel "S" Couplings (Section H)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi)	Min. Burst Pressure (psi)	Min. Bend Radius (In.)
EFG5K-06	3/8"	0.80	5,000	20,000	2.5
EFG5K-08	1/2"	0.95	5,000	20,000	3.5
EFG5K-10	5/8"	1.09	5,000	20,000	4.0
EFG5K-12	3/4"	1.24	5,000	20,000	4.7
EFG5K-16	1"	1.53	5,000	20,000	6.0
EFG5K-20	1-1/4"	1.97	5,000	20,000	8.2
EFG5K-24	1-1/2"	2.26	5,000	20,000	10.0
EFG5K-32	2"	2.80	5,000	20,000	25.0