# EFG6K Spiral Wire Hose—SAE 100R15

(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)


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|---|---|---|---|---|---|---|---|
| 6EFG6KXCTN | 4651-1396 | 3/8 | 0.80 | 6,000 | 24,000 | 2.5 | .51 |
| 8EFG6KXCTN | 4651-1371 | 1/2 | 0.95 | 6,000 | 24,000 | 3.5 | .59 |
| 8EFG6KXLL | 4651-1613 | 1/2 | 0.95 | 6,000 | 24,000 | 3.5 | .58 |
| 10EFG6KXCTN | 4651-1368 | 5/8 | 1.09 | 6,000 | 24,000 | 4.0 | .65 |
| 10EFG6KXLL | 4651-1397 | 5/8 | 1.09 | 6,000 | 24,000 | 4.0 | .80 |
| 12EFG6KXCTN | 4651-1288 | 3/4 | 1.24 | 6,000 | 24,000 | 4.7 | .96 |
| 12EFG6KXLL | 4651-1398 | 3/4 | 1.24 | 6,000 | 24,000 | 4.7 | 1.00 |
| 16EFG6KXCTN | 4651-1289 | 1 | 1.53 | 6,000 | 24,000 | 6.0 | 1.49 |
| 16EFG6KXLL | 4651-1399 | 1 | 1.53 | 6,000 | 24,000 | 6.0 | 1.50 |
| 20EFG6KXCTN | 4651-1290 | 1 1/4 | 1.97 | 6,000 | 24,000 | 8.2 | 2.67 |
| 20EFG6KXLL | 4651-1400 | 1 1/4 | 1.97 | 6,000 | 24,000 | 8.2 | 2.67 |
| 24EFG6KXCTN | 4651-1531 | 1 1/2 | 2.26 | 6,000 | 24,000 | 10.0 | 3.41 |
| 24EFG6KXLL | 4651-1572 | 1 1/2 | 2.26 | 6,000 | 24,000 | 10.0 | 3.39 |