

## EFG3K Spiral Wire Hose - SAE 100R12 Extremely High Pressure

### HOSE

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

**Recommended For:** Extremely high-pressure, high-impulse applications. Exceeds all requirements for ISO 18752 Grade D, SAE 100R12, EN 856 R12, and performance requirements of EN 856 4SP, 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.

**Tube:** Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

**Reinforcement:** Four alternating layers of spiraled, high-tensile steel wire.

**Cover:** Black, oil resistant, synthetic rubber (Polychloroprene - 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 gates.com/ecrimp or Crimp Data Manual 35019)**

GlobalSpiral™ Couplings (-20) (Section E)  
GlobalSpiral™ Couplings (-6 through -20) (Section E)  
GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)  
Stainless Steel "S" Couplings (Section H)



Description	Product No.						Standard Pack	Weight (Lbs.)
20EFG3K X25FT	4651-4003	1 1/4	1.85	3000	12000	8.2	1	48.85
20EFG3K X50FT	4651-1434	1 1/4	1.85	3000	12000	8.2	1	106.00
20EFG3KXCTN	4651-1381	1 1/4	1.85	3000	12000	8.2	100	1.97
20EFG3KXLL	4651-1384	1 1/4	1.85	3000	12000	8.2	200	1.97
24EFG3K X25FT	4651-1740	1 1/2	2.11	3000	12000	10.0	1	56.25
24EFG3KXCTN	4651-1451	1 1/2	2.11	3000	12000	10.0	50	2.25
24EFG3KXLL	4651-2207	1 1/2	2.11	3000	12000	10.0	200	2.10
32EFG3K X 50INC	4651-2209	2	2.63	3000	12000	12.5	200	3.00
32EFG3K X25FT	4651-1744	2	2.63	3000	12000	12.5	1	77.25
32EFG3KXCTN	4651-1452	2	2.63	3000	12000	12.5	50	3.09
32EFG3KXLL	4651-2210	2	2.63	3000	12000	12.5	200	2.97

## EFG3K Spiral Wire Hose - SAE 100R12 - MegaTuff® Cover Extremely High Pressure

For Biodegradable Hydraulic Fluids

Meets Flame Resistance Acceptance Designation "MSHA 2G"

**MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945.**

**Recommended For:** Extremely high-pressure, high-impulse applications. Exceeds all performance requirements for SAE 100R12, EN 856 R12, performance requirements of EN 856 4SP, 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.

**Tube:** Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

**Reinforcement:** Four alternating layers of spiraled, high-tensile steel wire.

**Cover:** Black, oil, abrasion and weather resistant MegaTuff® cover with color coded layline. Also available in Standard 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 gates.com/ecrimp or Crimp Data Manual 35019)**

GlobalSpiral™ Couplings (-20) (Section E)  
GlobalSpiral™ Plus Couplings (-24 and -32) (Section E)  
Stainless Steel "S" and "B" Couplings (Section H)



Description	Product No.						Standard Pack	Weight (Lbs.)
20EFG3K-MTF X25FT	4651-4004	1 1/4	2.11	3000	12000	8.2	1	48.28
20EFG3K-MTFXCTN	4651-1425	1 1/4	2.11	3000	12000	8.2	100	2.00
20EFG3K-MTFXLL	4651-1427	1 1/4	2.11	3000	12000	8.2	200	1.90