

EFG4K Spiral Wire Hose - SAE 100R12

Extremely High Pressure

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

Recommended For: Extremely high-pressure, high-impulse applications. Exceeds all requirements of ISO 18752 Grade D, SAE 100R12, EN 856 R12 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 (Section E)
 Stainless Steel "S" Couplings (Section H)



Description	Product No.						Standard Pack	Weight (Lbs.)
6EFG4K X25FT	4651-4005	3/8	.80	4000	16000	2.5	1	13.55
6EFG4K X50FT	4651-1430	3/8	.80	4000	16000	2.5	1	26.20
6EFG4KXCTN	4651-1338	3/8	.80	4000	16000	2.5	100	.51
8EFG4K X25FT	4651-4006	1/2	.94	4000	16000	3.5	1	16.00
8EFG4K X50FT	4651-1431	1/2	.94	4000	16000	3.5	1	31.40
8EFG4KXCTN	4651-1339	1/2	.94	4000	16000	3.5	100	.63
8EFG4KXLL	4651-1611	1/2	.94	4000	16000	3.5	200	.61
10EFG4K X25FT	4651-4007	5/8	1.09	4000	16000	4.0	1	20.20
10EFG4KXCTN	4651-1367	5/8	1.09	4000	16000	4.0	100	.70
10EFG4KXLL	4651-1614	5/8	1.09	4000	16000	4.0	200	.70
12EFG4K X25FT	4651-4011	3/4	1.21	4000	16000	4.7	1	21.80
12EFG4K X50FT	4651-1432	3/4	1.21	4000	16000	4.7	1	50.00
12EFG4KXCTN	4651-1282	3/4	1.21	4000	16000	4.7	100	.86
12EFG4KXLL	4651-1385	3/4	1.21	4000	16000	4.7	200	.86
16EFG4K X25FT	4651-4012	1	1.50	4000	16000	6.0	1	35.30
16EFG4K X50FT	4651-1433	1	1.50	4000	16000	6.0	1	69.00
16EFG4K X100FT	4651-1460	1	1.50	4000	16000	6.0	100	1.34
16EFG4KXCTN	4651-1283	1	1.50	4000	16000	6.0	100	1.26
16EFG4KXLL	4651-1386	1	1.50	4000	16000	6.0	200	1.26
20EFG4K X25FT	4651-4013	1 1/4	1.85	4000	16000	8.2	1	52.00
20EFG4K X50FT	4651-1520	1 1/4	1.85	4000	16000	8.2	1	98.00
20EFG4KXCTN	4651-1284	1 1/4	1.85	4000	16000	8.2	50	1.90
20EFG4KXLL	4651-1387	1 1/4	1.85	4000	16000	8.2	200	1.91
48EFG4K X CRATE*	4651-1818	3	3.86	4000	16000	35.0	200	10.00

*Crimped assemblies available from Gates.

HOSE
HOSE/CPLG. SELECTION
G8K COUPLINGS
GLOBAL SPIRAL COUPLINGS
PCM / PCS FERRULES
MEGACRIMP COUPLINGS
STAINLESS STEEL
POWER CRIMP COUPLINGS
LOC, GL AND GLP COUPLINGS
POLARSEAL COUPLINGS
POLARSEAL II COUPLINGS
C14 COUPLINGS
PCTS THERMOPLASTIC COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
FIELD ATTACHABLE C5 & C5E COUPLINGS
SURELOK AIR BRAKE COUPLINGS
ADAPTERS
QUICK DISCONNECT COUPLERS
LIVE SWIVEL
BALL VALVES
ACCESSORIES
EQUIPMENT AND PARTS