

EFG4K 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 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/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