

EFG6K Spiral Wire Hose - SAE 100R15 Extremely High Pressure

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

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, -24 and -32) alternating layers of spiraled, high-tensile steel.

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

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



Description	Product No.						Standard Pack	Weight (Lbs.)
6EFG6K X25FT	4651-4032	3/8	.80	6000	24000	2.5	1	13.70
6EFG6KXCTN	4651-1396	3/8	.80	6000	24000	2.5	100	.51
8EFG6K X25FT	4651-4033	1/2	.95	6000	24000	3.5	1	23.40
8EFG6KXCTN	4651-1371	1/2	.95	6000	24000	3.5	100	.59
8EFG6KXLL	4651-1613	1/2	.95	6000	24000	3.5	200	.58
10EFG6K X25FT	4651-4034	5/8	1.09	6000	24000	4.0	1	21.00
10EFG6KXCTN	4651-1368	5/8	1.09	6000	24000	4.0	100	.80
10EFG6KXLL	4651-1397	5/8	1.09	6000	24000	4.0	200	.80

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

GLOBALSPIRAL
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

EFG6K Spiral Wire Hose - SAE 100R15

Extremely High Pressure

Continued

HOSE	Description	Product No.						Standard Pack	Weight (Lbs.)
HOSE/CPLG. SELECTION	12EFG6K X25FT	4651-4035	3/4	1.24	6000	24000	4.7	1	25.00
	12EFG6KXCTN	4651-1288	3/4	1.24	6000	24000	4.7	100	.96
G8K COUPLINGS	12EFG6KXLL	4651-1398	3/4	1.24	6000	24000	4.7	200	1.00
	16EFG6K X25FT	4651-4036	1	1.53	6000	24000	6.0	1	36.25
GLOBAL SPIRAL COUPLINGS	16EFG6KXCTN	4651-1289	1	1.53	6000	24000	6.0	100	1.49
	16EFG6KXLL	4651-1399	1	1.53	6000	24000	6.0	200	1.50
PCM / PCS FERRULES	20EFG6K X25FT	4651-4037	1 1/4	1.97	6000	24000	8.2	1	67.80
	20EFG6KXCTN	4651-1290	1 1/4	1.97	6000	24000	8.2	50	2.67
	20EFG6KXLL	4651-1400	1 1/4	1.97	6000	24000	8.2	200	2.67
MEGACRIMP COUPLINGS	24EFG6K X25FT	4651-1574	1 1/2	2.26	6000	24000	10.0	1	81.00
	24EFG6KXCTN	4651-1531	1 1/2	2.26	6000	24000	10.0	50	3.41
STAINLESS STEEL	24EFG6KXLL	4651-1572	1 1/2	2.26	6000	24000	10.0	200	3.39
	32EFG6KXCTN	4651-1759	2	2.80	6000	24000	25.0	50	4.93
POWER CRIMP COUPLINGS	32EFG6KXLL	4651-1758	2	2.80	6000	24000	25.0	200	4.93

EFG6K Spiral Wire Hose - SAE 100R15 - 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 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, -24 and -32) alternating layers of spiraled, high-tensile steel.

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 (-6 through -20) (Section E)

GlobalSpiral™ MAX Pressure Couplings (-24 and -32) (Section E)

Stainless Steel "S" Couplings (Section H)



HOSE	Description	Product No.						Standard Pack	Weight (Lbs.)
QUICK DISCONNECT COUPLERS	6EFG6K-MTF X25FT	4651-4038	3/8	.80	6000	24000	2.5	1	13.40
	6EFG6K-MTFXCTN	4651-1435	3/8	.80	6000	24000	2.5	100	.50
	8EFG6K-MTF X25FT	4651-4039	1/2	.95	6000	24000	3.5	1	16.60
LIVE SWIVEL	8EFG6K-MTFXCTN	4651-1609	1/2	.95	6000	24000	3.5	100	.60
	10EFG6K-MTF X25FT	4651-4040	5/8	1.09	6000	24000	4.0	1	20.60
	10EFG6K-MTFXCTN	4651-1416	5/8	1.09	6000	24000	4.0	100	.90
BALL VALVES	12EFG6K-MTF X25FT	4651-4041	3/4	1.24	6000	24000	4.7	1	25.00
	12EFG6K-MTFXCTN	4651-1606	3/4	1.24	6000	24000	4.7	100	1.10
	16EFG6K-MTF X25FT	4651-4042	1	1.53	6000	24000	6.0	1	39.00
ACCESSORIES	16EFG6K-MTFXCTN	4651-1604	1	1.53	6000	24000	6.0	100	1.70
	20EFG6K-MTF X25FT	4651-4043	1 1/4	1.97	6000	24000	8.2	1	74.40
	20EFG6K-MTFXCTN	4651-1601	1 1/4	1.97	6000	24000	8.2	50	2.71
EQUIPMENT AND PARTS	20EFG6K-MTFXLL	4651-0013	1 1/4	1.97	6000	24000	8.2	121	2.69
	24EFG6K-MTFXCTN	4651-1754	1 1/2	2.26	6000	24000	10.0	50	3.40

EFG6K Spiral Wire Hose - SAE 100R15 - MegaTuff® Cover Extremely High Pressure

Continued

Description	Product No.						Standard Pack	Weight (Lbs.)
24EFG6KMTFXLL	4651-1755	1 1/2	2.26	6000	24000	10.0	200	3.75
32EFG6K-MTFXCTN	4651-1757	2	2.80	6000	24000	25.0	50	4.93

EFG6KL Low Temp Spiral Wire Hose Extremely High Pressure

Recommended For: Extremely high-pressure hydraulic applications in low temperature environments. Compatible with biodegradable hydraulic fluids like polyolester, polyglycol and vegetable oil as well as standard petroleum based fluid.

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

Reinforcement: Four or Six alternating layers of spiraled, high tensile wire.

Cover: Black, oil resistant, synthetic rubber (Polychloroprene - Type A), with color coded layline.

Temperature Range: -70°F to +212°F (-57°C to +100°C).

Coupling Recommendation (See gates.com/ecrimp or Crimp Data Manual 35019)
GlobalSpiral™ Couplings (Section E)



Description	Product No.						Standard Pack	Weight (Lbs.)
12EFG6KL XCTN	4651-0038	3/4	1.24	6000	24000	4.8	100	.97
16EFG6KL XCTN	4651-0039	1	1.53	6000	24000	6.0	100	1.48

EFG5K Spiral Wire Hose - SAE 100R13 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 and SAE 100R13 and performance requirements of EN 856 4SH (-16 and -20), EN 856 4SP (-10, and -12), EN 856 R13, and ISO 3862 Type R13 (-12, -16, -20, -24, -32). 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, -24 and -32) alternating layers of spiraled, high-tensile steel.

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



Description	Product No.						Standard Pack	Weight (Lbs.)
6EFG5K X25FT	4651-4020	3/8	.80	5000	20000	2.5	1	13.40
6EFG5KXCTN	4651-1424	3/8	.80	5000	20000	2.5	100	.47
8EFG5K X25FT	4651-4021	1/2	.95	5000	20000	3.5	1	16.20
8EFG5KXCTN	4651-1372	1/2	.95	5000	20000	3.5	100	.63
8EFG5KXLL	4651-1612	1/2	.95	5000	20000	3.5	200	.59
10EFG5K X25FT	4651-4022	5/8	1.09	5000	20000	4.0	1	22.60

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

GLOBALSPIRAL
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