

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
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PCTS THERMOPLASTIC COUPLINGS
FIELD ATTACHABLE G1 & G2 COUPLINGS
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LIVE SWIVEL
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EQUIPMENT AND PARTS

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

EFG5K Spiral Wire Hose - SAE 100R13

Extremely High Pressure

Continued

HOSE	Description	Product No.						Standard Pack	Weight (Lbs.)
HOSE/CPLG. SELECTION	10EFG5KXCTN	4651-1340	5/8	1.09	5000	20000	4.0	100	.80
	10EFG5KXLL	4651-1390	5/8	1.09	5000	20000	4.0	200	.78
G8K COUPLINGS	12EFG5K X25FT	4651-4023	3/4	1.24	5000	20000	4.7	1	25.10
	12EFG5KXCTN	4651-1285	3/4	1.24	5000	20000	4.7	100	.97
GLOBAL SPIRAL COUPLINGS	12EFG5KXLL	4651-1391	3/4	1.24	5000	20000	4.7	200	.95
	16EFG5K X25FT	4651-4024	1	1.53	5000	20000	6.0	1	37.00
PCM / PCS FERRULES	16EFG5KXCTN	4651-1286	1	1.53	5000	20000	6.0	100	1.49
	16EFG5KXLL	4651-1392	1	1.53	5000	20000	6.0	200	1.55
MEGACRIMP COUPLINGS	20EFG5K X25FT	4651-4025	1 1/4	1.97	5000	20000	8.2	1	69.00
	20EFG5KXCTN	4651-1287	1 1/4	1.97	5000	20000	8.2	50	2.30
	20EFG5KXLL	4651-1393	1 1/4	1.97	5000	20000	8.2	200	2.66
STAINLESS STEEL	24EFG5K X25FT	4651-1742	1 1/2	2.26	5000	20000	10.0	1	80.00
	24EFG5KXCTN	4651-1455	1 1/2	2.26	5000	20000	10.0	50	2.99
	24EFG5KXLL	4651-2208	1 1/2	2.26	5000	20000	10.0	200	2.97
POWER CRIMP COUPLINGS	32EFG5K X25FT	4651-1746	2	2.80	5000	20000	25.0	1	120.00
	32EFG5KXCTN	4651-1456	2	2.80	5000	20000	25.0	50	4.86
LOC, GL AND GLP COUPLINGS	32EFG5KXLL	4651-0059	2	2.80	5000	20000	25.0	200	4.86
	40EFG5K X CRATE*	4651-1817	2 1/2	3.35	5000	20000	30.0	200	6.30

*Crimped assemblies available from Gates.

EFG5K Spiral Wire Hose - SAE 100R13 - 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 hydraulic applications. EFG5K is designed to meet or exceed all requirements of SAE 100R13 specifications 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, 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.)
LIVE SWIVEL	6EFG5K-MTF X25FT	4651-4026	3/8	.80	5000	20000	2.5	1	13.00
	6EFG5K-MTFXCTN	4651-1436	3/8	.80	5000	20000	2.5	100	.51
BALL VALVES	8EFG5K-MTF X25FT	4651-4027	1/2	.94	5000	20000	3.5	1	16.00
	8EFG5K-MTFXCTN	4651-1608	1/2	.94	5000	20000	3.5	100	.66
ACCESSORIES	8EFG5K-MTFXLL	4651-1573	1/2	.94	5000	20000	3.5	1200	.56
	10EFG5K-MTF X25FT	4651-4028	5/8	1.09	5000	20000	4.0	1	22.40
EQUIPMENT AND PARTS	10EFG5K-MTFXCTN	4651-1410	5/8	1.09	5000	20000	4.0	100	.80
	12EFG5K-MTF X25FT	4651-4029	3/4	1.24	5000	20000	4.7	1	25.00
	12EFG5K-MTFXCTN	4651-1605	3/4	1.24	5000	20000	4.7	100	1.00

EFG5K Spiral Wire Hose - SAE 100R13 - MegaTuff® Cover Extremely High Pressure

Continued

Description	Product No.						Standard Pack	Weight (Lbs.)
16EFG5K-MTF X25FT	4651-4030	1	1.53	5000	20000	6.0	1	40.10
16EFG5K-MTFXCTN	4651-1603	1	1.53	5000	20000	6.0	100	1.49
16EFG5K-MTFXLL	4651-4001	1	1.53	5000	20000	6.0	200	1.49
20EFG5K-MTF X25FT	4651-4031	1 1/4	1.97	5000	20000	8.2	1	68.70
20EFG5K-MTFXCTN	4651-1600	1 1/4	1.97	5000	20000	8.2	50	2.30
20EFG5K-MTFXLL	4651-4002	1 1/4	1.97	5000	20000	8.2	200	2.30
24EFG5K-MTF X25FT	4651-1743	1 1/2	2.26	5000	20000	10.0	1	81.50
24EFG5K-MTFXCTN	4651-2203	1 1/2	2.26	5000	20000	10.0	50	3.26
24EFG5K-MTFXLL	4651-2204	1 1/2	2.26	5000	20000	10.0	200	3.18
32EFG5K-MTF X25FT	4651-1747	2	2.80	5000	20000	25.0	1	122.00
32EFG5K-MTFXCTN	4651-1522	2	2.80	5000	20000	25.0	50	4.71
32EFG5K-MTFXLL	4651-2211	2	2.80	5000	20000	25.0	200	4.86

EFG5KL 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 (-6 through -20) (Section E)

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



Description	Product No.						Standard Pack	Weight (Lbs.)
6EFG5KL XCTN	4651-0074	3/8	.80	5000	20000	2.5	100	.48
12EFG5KL XCTN	4651-0020	3/4	1.24	5000	20000	4.8	100	.97
16EFG5KL XCTN	4651-0019	1	1.53	5000	20000	6.0	120	1.49
20EFG5KLXCTN	4651-0058	1 1/4	1.97	5000	20000	8.2	50	2.93
24EFG5KLXCTN	4651-0079	1 1/2	2.26	5000	20000	10.0	50	3.01

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