

**G8K SPIRAL WIRE HOSE****SPIRAL WIRE**

RECOMMENDED FOR	Ultra high-pressure, high-impulse applications such as hydrostatic transmissions, for use in the construction, agriculture, forestry, underground or open-pit mining, or other industries on applications where extremely high-pressure capability is required. G8K hose and couplings offer industry-leading bend radius capability, which leads to ease of routing and installation, longer hose life in flexing applications, and fewer bent tube fitting requirements.
TUBE	Black, oil resistant Polychloroprene tube material allows for the high pressure, high temperature performance required in these demanding applications. See Hose Stock Characteristics.
REINFORCEMENT	Six alternating layers of high-tensile steel wire spiral construction.
COVER	Black, oil resistant, synthetic rubber (Polychloroprene), with color coded layline. 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	G8K Couplings (G19) Section D (See Crimp Data Manual 428-7365 or eCrimp)



Meets Flame Resistance Acceptance Designation "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
71096	12G8KXCTN	4651-1639	100	3/4	1.36	8000	32000	9.5
71097	16G8KXCTN	4651-1631	100	1	1.66	8000	32000	12.0

EFG6K SPIRAL WIRE HOSE - SAE 100R15**SPIRAL WIRE**

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). 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), 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	GlobalSpiral™ Couplings (G20) Section E GlobalSpiral™ MAX Pressure Couplings (-24 = G24), (-32 = G23) Section E Stainless Steel Spiral Couplings (-6 through -20) (G18) Section F (See Crimp Data Manual 428-7365 or eCrimp)








For Biodegradable Hydraulic Fluids. Meets Flame Resistance Acceptance Designation "MSHA 2G". Tested to Industry Leading 1,000,000 impulse cycles.

Part No.	Description	Product No.	Standard Pack					
85465	6EFG6K X25FT	4651-4032	1	3/8	.80	6000	24000	2.5
70404	6EFG6KX100REEL	4651-5028	100	3/8	.80	6000	24000	2.5
70866	6EFG6KXCTN	4651-1396	100	3/8	.80	6000	24000	2.5
70163	6EFG6KXREEL	4651-0123	300	3/8	.80	6000	24000	2.5



EFG6K SPIRAL WIRE HOSE - SAE 100R15 - CONTINUED

SPIRAL WIRE - CONTINUED

Part No.	Description	Product No.	Standard Pack					
85466	8EFG6K X25FT	4651-4033	1	1/2	.95	6000	24000	3.5
70405	8EFG6KX100REEL	4651-5029	100	1/2	.95	6000	24000	3.5
70865	8EFG6KXCTN	4651-1371	100	1/2	.95	6000	24000	3.5
70978	8EFG6KXLL	4651-1613	200	1/2	.95	6000	24000	3.5
70164	8EFG6KXREEL	4651-0124	240	1/2	.95	6000	24000	3.5
85467	10EFG6K X25FT	4651-4034	1	5/8	1.09	6000	24000	4.0
70815	10EFG6KXCTN	4651-1368	100	5/8	1.09	6000	24000	4.0
70735	10EFG6KXLL	4651-1397	200	5/8	1.09	6000	24000	4.0
70165	10EFG6KXREEL	4651-0125	200	5/8	1.09	6000	24000	4.0
85468	12EFG6K X25FT	4651-4035	1	3/4	1.24	6000	24000	4.7
70839	12EFG6KXCTN	4651-1288	100	3/4	1.24	6000	24000	4.7
70736	12EFG6KXLL	4651-1398	200	3/4	1.24	6000	24000	4.7
70168	12EFG6KXREEL	4651-0128	200	3/4	1.24	6000	24000	4.7
85469	16EFG6K X25FT	4651-4036	1	1	1.53	6000	24000	6.0
70836	16EFG6KXCTN	4651-1289	100	1	1.53	6000	24000	6.0
70737	16EFG6KXLL	4651-1399	200	1	1.53	6000	24000	6.0
85470	20EFG6K X25FT	4651-4037	1	1 1/4	1.97	6000	24000	8.2
70837	20EFG6KXCTN	4651-1290	50	1 1/4	1.97	6000	24000	8.2
70738	20EFG6KXLL	4651-1400	200	1 1/4	1.97	6000	24000	8.2
85426	24EFG6K X25FT	4651-1574	1	1 1/2	2.26	6000	24000	10.0
71065	24EFG6KXCTN	4651-1531	50	1 1/2	2.26	6000	24000	10.0
	24EFG6KXLL	4651-1572	200	1 1/2	2.26	6000	24000	10.0
71100	32EFG6KXCTN	4651-1759	50	2	2.80	6000	24000	25.0
71099	32EFG6KXLL	4651-1758	200	2	2.80	6000	24000	25.0

**EFG4K SPIRAL WIRE HOSE - SAE 100R12****SPIRAL WIRE**

RECOMMENDED FOR	Very high-pressure, high-impulse applications. Exceeds all requirements of ISO 18752 Grade D*, SAE 100R12, EN 856 R12 and ISO 3862 Type R12. *(Sizes 3/8", 1/2" and 5/8" exceed ISO 18752 Grade D performance but does not meet OD requirements). 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). See Hose Stock Characteristics.
REINFORCEMENT	Four alternating layers of spiraled, high-tensile steel wire.
COVER	Black, oil resistant, synthetic rubber (Polychloroprene), with color coded layline. Also available with unique abrasion resistant MegaTuff® or XtraTuff® covers. 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	GlobalSpiral™ Couplings (G20) Section E GlobalSpiral™ One-Piece Couplings (MC 4-20) (-20 only) Section E Stainless Steel Spiral Couplings (G18) Section F (See Crimp Data Manual 428-7365 or eCrimp)



For Biodegradable Hydraulic Fluids. Meets Flame Resistance Acceptance Designation "MSHA 2G". Tested to Industry Leading 1,000,000 impulse cycles.

Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊖	⊕	⊖
85477	6EFG4K X25FT	4651-4005	1	3/8	.80	4000	16000	2.5
85491	6EFG4K X50FT	4651-1430	1	3/8	.80	4000	16000	2.5
70400	6EFG4KX100REEL	4651-5024	100	3/8	.80	4000	16000	2.5
70811	6EFG4KXCTN	4651-1338	100	3/8	.80	4000	16000	2.5
70157	6EFG4KXREEL	4651-0117	300	3/8	.80	4000	16000	2.5
85478	8EFG4K X25FT	4651-4006	1	1/2	.94	4000	16000	3.5
85492	8EFG4K X50FT	4651-1431	1	1/2	.94	4000	16000	3.5
70401	8EFG4KX100REEL	4651-5025	100	1/2	.94	4000	16000	3.5
70863	8EFG4KXCTN	4651-1339	100	1/2	.94	4000	16000	3.5
70976	8EFG4KXLL	4651-1611	200	1/2	.94	4000	16000	3.5
70158	8EFG4KXREEL	4651-0118	240	1/2	.94	4000	16000	3.5
85479	10EFG4K X25FT	4651-4007	1	5/8	1.09	4000	16000	4.0
70813	10EFG4KXCTN	4651-1367	100	5/8	1.09	4000	16000	4.0
	10EFG4KXLL	4651-1614	200	5/8	1.09	4000	16000	4.0
70159	10EFG4KXREEL	4651-0119	200	5/8	1.09	4000	16000	4.0
85480	12EFG4K X25FT	4651-4011	1	3/4	1.21	4000	16000	4.7
85494	12EFG4K X50FT	4651-1432	1	3/4	1.21	4000	16000	4.7
70831	12EFG4KXCTN	4651-1282	100	3/4	1.21	4000	16000	4.7
70717	12EFG4KXLL	4651-1385	200	3/4	1.21	4000	16000	4.7
70166	12EFG4KXREEL	4651-0126	200	3/4	1.21	4000	16000	4.7
85481	16EFG4K X25FT	4651-4012	1	1	1.50	4000	16000	6.0
85495	16EFG4K X50FT	4651-1433	1	1	1.50	4000	16000	6.0
70807	16EFG4K X100FT	4651-1460	100	1	1.50	4000	16000	6.0
70832	16EFG4KXCTN	4651-1283	100	1	1.50	4000	16000	6.0
70718	16EFG4KXLL	4651-1386	200	1	1.50	4000	16000	6.0
85482	20EFG4K X25FT	4651-4013	1	1 1/4	1.85	4000	16000	8.2
85438	20EFG4K X50FT	4651-1520	1	1 1/4	1.85	4000	16000	8.2
70833	20EFG4KXCTN	4651-1284	50	1 1/4	1.85	4000	16000	8.2
70719	20EFG4KXLL	4651-1387	200	1 1/4	1.85	4000	16000	8.2
	48EFG4K X CRATE*	4651-1818	200	3	3.86	4000	16000	35.0

*Crimped assemblies available from Gates or factory quality assemblies can be made with the GC96TSI-3.