



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	⊖	IO	☼	☼	☼	☼
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.