

MEGASYS SPIRAL WIRE AND XPIRAL HYDRAULIC HOSE



EFG6K

CONSTANT PRESSURE



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-6	10	3/8	0.80	20.2	6000	42.0	24000	168.0	65	71	6EFG6K
-8	12	1/2	0.95	24.0	6000	42.0	24000	168.0	90	89	8EFG6K
-10	16	5/8	1.09	27.6	6000	42.0	24000	168.0	100	115	10EFG6K
-12	19	3/4	1.24	31.4	6000	42.0	24000	168.0	120	144	12EFG6K
-16	25	1	1.53	38.7	6000	42.0	24000	168.0	150	223	16EFG6K
-20	31	1.1/4	1.97	50.0	6000	42.0	24000	168.0	210	399	20EFG6K
-24	38	1.1/2	2.26	57.4	6000	42.0	24000	168.0	250	482	24EFG6K
-32	51	2	2.80	71.1	6000	42.0	24000	168.0	635	719	32EFG6K

RECOMMENDED FOR	Extremely high pressure and high impulse hydraulic applications.
TUBE	NBR (Nitrile) based.
REINFORCEMENT	Four (six for -20 to -32) alternating layers of spiralled, high tensile steel wire.
COVER	CR (Chloroprene) based. MSHA approved.
TEMPERATURE RANGE	-40°C to +121°C. For water emulsions, etc. see Engineering and technical data page 292.
STANDARDS	Exceeds ISO 3862 R15. SAE 100R15. Meets or exceeds performance requirements of EN 856 4SP (-8 to -32) and EN 856 4SH (-12 to -32).
COUPLINGS	-6 to -20: GlobalSpiral; -24, -32: GlobalSpiral Maximum.
TYPE APPROVALS	DNV, LR, BV and ABS.
CHARACTERISTICS/BENEFITS	■ Up to 40% of EN 856 4SP/4SH bend radius at rated working pressure. ■ Extremely flexible. ■ Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of SAE 100R15 bend radii (except -32). ■ EFG6K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
OPTIONAL	 EFG6KL: for low-temperature applications, Gates recommends the EFG6KL range down to -57°C constant.