

MEGASYS™ SPIRAL WIRE AND XPIRAL™ HYDRAULIC HOSE



EFG6K MEGATUFF™ COVER

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-MTF
-8	12	1/2	0.95	24.0	6000	42.0	24000	168.0	90	89	8EFG6K-MTF
-10	16	5/8	1.09	27.6	6000	42.0	24000	168.0	100	115	10EFG6K-MTF
-12	19	3/4	1.24	31.4	6000	42.0	24000	168.0	120	144	12EFG6K-MTF
-16	25	1	1.53	38.7	6000	42.0	24000	168.0	150	223	16EFG6K-MTF
-20	31	1.1/4	1.97	50.0	6000	42.0	24000	168.0	210	399	20EFG6K-MTF
-24	38	1.1/2	2.26	57.4	6000	42.0	24000	168.0	250	482	24EFG6K-MTF
-32	51	2	2.80	71.1	6000	42.0	24000	168.0	635	719	32EFG6K-MTF

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.

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-MTF hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- Gates special MegaTuff cover offers 300 times the abrasion resistance of the standard EFG6K cover as per ISO 6945, superior ozone and weathering resistance.

IMPORTANT



Please consult Gates' Product Application Engineers for use of MegaTuff™ hose in reverse bending applications.