

# HYDRAULIC HOSE CONSTANT PRESSURE

THE WORLD OF HOSE

## EFG6K



-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

<b>RECOMMENDED FOR</b>	Extremely high pressure and high impulse hydraulic applications.
<b>TUBE</b>	NBR (Nitrile) based.
<b>REINFORCEMENT</b>	Four (six for -20 to -32) alternating layers of spiralled, high tensile steel wire.
<b>COVER</b>	CR (Chloroprene) based. MSHA approved.
<b>TEMPERATURE RANGE</b>	-40°C to +121°C. For water emulsions, etc. see Temperature Limits Table.
<b>STANDARDS</b>	Exceeds ISO 3862 R15. SAE 100R15.
<b>COUPLINGS</b>	-6 to -20: GlobalSpiral; -24, -32: GlobalSpiral Maximum.
<b>TYPE APPROVALS</b>	DNV, GL, LR, BV and ABS.
<b>CHARACTERISTICS/BENEFITS</b>	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). Meets or exceeds performance requirements of EN 856 4SP (-8 to -32) and EN 856 4SH (-12 to -32). EFG6K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

### OPTIONAL



EFG6K-MTF: the complete range of EFG6K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard EFG6K cover as per ISO 6945, superior ozone and weathering resistance.



EFG6KL: for low-temperature applications, Gates recommends the EFG6KL range down to -57°C constant. Please refer to page 58.

### IMPORTANT



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