

EFG5K



											
-Size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	Kg/100m	REF.
-6	10	3/8	0.81	20.5	5000	35.0	20000	140.0	130	71	6EFG5K
-8	12	1/2	0.95	24.0	5000	35.0	20000	140.0	180	89	8EFG5K
-10	16	5/8	1.09	27.6	5000	35.0	20000	140.0	200	115	10EFG5K
-12	19	3/4	1.24	31.4	5000	35.0	20000	140.0	240	144	12EFG5K
-16	25	1	1.53	38.7	5000	35.0	20000	140.0	300	223	16EFG5K
-20	31	1.1/4	1.97	50.0	5000	35.0	20000	140.0	420	399	20EFG5K
-24	38	1.1/2	2.26	57.4	5000	35.0	20000	140.0	500	482	24G5K
-32	51	2	2.80	71.1	5000	35.0	20000	140.0	630	719	32G5K

Recommended for	Extremely high-pressure and high-impulse hydraulic applications.
Tube	-6, -8, -10, -12, -16, -20: NBR (Nitrile) based; -24, -32: CR (Chloroprene) based
Reinforcement	-6, -8, -10, -12, -16: four (six for -20, -24, -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.
Standards	Gates proprietary. EN 856 R13. SAE 100R13. Meets or exceeds performance requirements of EN 856 4SP (-10, -12) and EN 856 4SH (-20).
Couplings	-6, -8, -10, -12, -16, -20, -24: GlobalSpiral™; -32: PCM
Type approvals	DNV, GL, LR and ABS
Characteristics/ benefits	Extremely flexible Superior flex impulse performance: tested to 1,000,000 impulse cycles 80% of EN 856 4SP/4SH bend radius at rated working pressure EFG5K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids



Optional:

EFG5K-MTF/G5K-MTF: the complete range of EFG5K/G5K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard EFG5K/G5K 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 or for constant bending at minimum bend radius.

