

EFG5K

MEGASYS



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-6	10	3/8	0.80	20.2	5000	35.0	20000	140.0	65	71	6EFG5K
-8	12	1/2	0.95	24.0	5000	35.0	20000	140.0	90	89	8EFG5K
-10	16	5/8	1.09	27.6	5000	35.0	20000	140.0	100	115	10EFG5K
-12	19	3/4	1.24	31.4	5000	35.0	20000	140.0	120	144	12EFG5K
-16	25	1	1.53	38.7	5000	35.0	20000	140.0	150	223	16EFG5K
-20	31	1.1/4	1.97	50.0	5000	35.0	20000	140.0	210	399	20EFG5K
-24	38	1.1/2	2.26	57.4	5000	35.0	20000	140.0	250	482	24EFG5K
-32	51	2	2.80	71.1	5000	35.0	20000	140.0	315	719	32EFG5K

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 page 86.

STANDARDS

Gates proprietary. EN 856 R13. SAE 100R13. ISO 3862 R13. Meets or exceeds performance requirements of EN 856 4SP (-10, -12) and EN 856 4SH (-20).

COUPLINGS

-6 to -20: GlobalSpiral™; -24, -32: GlobalSpiral™ High.

TYPE APPROVALS

DNV, GL, LR, BV, ABS and MOD.

CHARACTERISTICS/BENEFITS

Extremely flexible.

Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of EN 856 R13 and SAE 100R13 bend radii.

40% 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: the complete range of EFG5K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard EFG5K 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.**