

EFG4K

MEGASYS



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-6	10	3/8	0.80	20.2	4000	28.0	16000	112.0	65	71	6EFG4K
-8	12	1/2	0.95	24.0	4000	28.0	16000	112.0	90	89	8EFG4K
-10	16	5/8	1.09	27.6	4000	28.0	16000	112.0	100	113	10EFG4K
-12	19	3/4	1.21	30.7	4000	28.0	16000	112.0	120	128	12EFG4K
-16	25	1	1.50	38.0	4000	28.0	16000	112.0	150	188	16EFG4K
-20	31	1.1/4	1.85	47.0	4000	28.0	16000	112.0	210	283	20EFG4K

RECOMMENDED FOR

Extremely high pressure and high impulse hydraulic applications.

TUBE

NBR (Nitrile) based.

REINFORCEMENT

Four 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 R12. SAE 100R12. ISO 3862 R12. Meets or exceeds performance requirements of EN 856 4SP (-16, -20).

COUPLINGS

GlobalSpiral™.

TYPE APPROVALS

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

CHARACTERISTICS/BENEFITS

Most flexible EN 856 R12 / SAE 100R12 hose in the industry.

Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of EN 856 R12 and SAE 100R12 bend radii.

40% of EN 856 4SP bend radii.

EFG4K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

OPTIONAL



EFG4K-MTF: the complete range of EFG4K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard EFG4K 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.