

EFG4K

CONSTANT PRESSURE



-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	0.94	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 Engineering and technical data page 292.
STANDARDS	Exceeds ISO 3862 R12. EN 856 R12. SAE 100R12. Meets or exceeds performance requirements of EN 856 4SP (-16, -20).
COUPLINGS	GlobalSpiral.
TYPE APPROVALS	DNV, LR, BV and ABS.
CHARACTERISTICS/BENEFITS	■ 40% of EN 856 4SP bend radius at rated working pressure. ■ 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. ■ EFG4K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
OPTIONAL	EFG4KL: for low-temperature applications, Gates recommends the EFG4KL range down to -57°C constant.