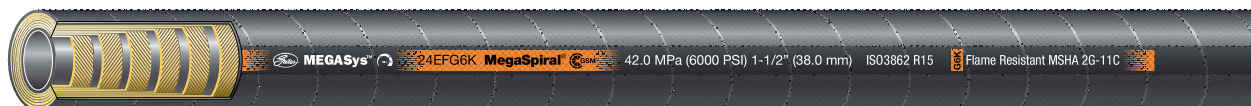




## EFG6K

CONSTANT PRESSURE



-size	DN		mm		PSI		MPa		mm	kg/100m	REF.
	DN	"	"	mm	PSI	MPa	PSI	MPa			
-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

- 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 Engineering and technical data page 292.
- STANDARDS** Exceeds ISO 3862 R15. SAE 100R15.  
Meets or exceeds performance requirements of EN 856 4SP (-8 to -32) and EN 856 4SH (-12 to -32).
- COUPLINGS** -6 to -20: GlobalSpiral; -24, -32: GlobalSpiral Maximum.
- TYPE APPROVALS** DNV, LR, BV and ABS.
- CHARACTERISTICS/BENEFITS**
- 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).
  - EFG6K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- OPTIONAL**
- EFG6KL: for low-temperature applications, Gates recommends the EFG6KL range down to -57°C constant.

TABLE OF CONTENTS

ABOUT GATES

HYDRAULIC HOSE

HYDRAULIC HOSE COUPLINGS

ENGINEERING AND TECHNICAL DATA