

EFG3K MEGATUFF™ COVER

CONSTANT PRESSURE



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-20	31	1.1/4	1.85	47.0	3000	21.0	12000	84.0	210	282	20EFG3K-MTF
-24	38	1.1/2	2.11	53.6	3000	21.0	12000	84.0	250	320	24EFG3K-MTF
-32	51	2	2.63	66.8	3000	21.0	12000	84.0	635	439	32EFG3K-MTF

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.

COUPLINGS

-20: GlobalSpiral; -24 to -32: GlobalSpiral Plus.

TYPE APPROVALS

DNV.

CHARACTERISTICS/BENEFITS

- Up to 40% of EN 856 4SP bend radius at rated working pressure.
- Extremely flexible.
- Superior flex impulse performance: tested to 1,000,000 impulse cycles at 50% of EN 856 R12 and SAE 100R12 bend radii (except -32).
- EFG3K-MTF hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- Gates special MegaTuff cover offers 300 times the abrasion resistance of the standard EFG3K 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.