GATES Hydraulic hose EFG4K-MTF (R12) MegaTuff™

Characteristics

Type: EFG4K-MTF
Material of inner wall: NBR
Material of outer wall: CR
Quality cover: Gates Megatuff
Temperature range [°C]: -40 / 121 °C
EN standard: EN 856-R12
SAE standard: SAE 100 R12
ISO standard: ISO 3862 R12

Application

- Extremely high pressure and high impulse hydraulic applications.

Technical Information

Temperature range:

- -40°C to +121°C

Construction

Tube:

- NBR (Nitrile) based.

Reinforcement:

- Four alternating layers of spiralled, high tensile steel wire.

Cover:

- CR (Chloroprene) based.
- MSHA approved.
- MegaTuff™

Execution

- 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-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 EFG4K cover as per ISO 6945, superior ozone and weathering resistance.

Approval

Standards:

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

Type approval:

- DNV

Options

Recommended couplings:

- GlobalSpiral

Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Weight	Article
		in	mm	bar	bar	mm		kg/m	
6EFG4K-MTF	DN10	3/8"	20.3	280	1120	65	Black	0.71	11374388
8EFG4K-MTF	DN12	1/2"	23.9	280	1120	90	Black	0.89	11374389
10EFG4K-MTF	DN16	5/8"	27.7	280	1120	100	Black	1.13	11374390
12EFG4K-MTF	DN19	3/4"	30.7	280	1120	120	Black	1.28	11374391
16EFG4K-MTF	DN25	1"	38.1	280	1120	150	Black	1.88	975095
20EFG4K-MTF	DN31	1.1/4"	47	280	1120	210	Black	2.83	11342454

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