

GATES Hydraulic hose Megaflex® M2T-MTF MegaTuff™

Characteristics

Series: MegaSys® MegaTuff™

Type: M2T-MTF

Material of inner wall: NBR

Material of outer wall: NBR/PVC

Quality cover: Gates Megatuff

Temperature range [°C]: -40 / 100 °C

SAE standard: SAE 100 R16

ISO standard: ISO 11237 R16

Application

- Recommended for high-pressure hydraulic applications.
- Easy to route and to install in tight areas.

Technical Information

Temperature range:

- -40°C to +100°C constant and +121°C intermittent.

Construction

Tube:

- NBR (Nitrile) based.

Reinforcement:

- Two braids of high tensile steel wire.

Cover:

- NBR (Nitrile) based.
- MSHA approved.

Execution

- Superior flex impulse performance: tested to 600,000 impulse cycles at 50% of EN8572SC bendradii.
- Higher working pressure than ISO 11237 2SC R16.
- Lightweight.
- M2T-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 M2T cover as per ISO 6945, superior ozone and weathering resistance.

Approval

Standards:

- :Exceeds ISO 11237 R16.
- Exceeds ISO 1436 2SN R2 and SAE 100R2 performance.
- Exceeds EN 857 2SC and EN 853 2SN performance.

Type approval:

- DNV

Options

Recommended couplings:

- MegaCrimp®

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	
4M2T-MTF	DN06	1/4"	12.2	420	1680	40	Black	0.3	13633226
5M2T-MTF	DN08	5/16"	15.1	380	1520	45	Black	0.33	13633228
6M2T-MTF	DN10	3/8"	16	350	1400	50	Black	0.45	13633229
8M2T-MTF	DN12	1/2"	20.2	296	1184	70	Black	0.55	13633230
10M2T-MTF	DN16	5/8"	25.2	262	1048	75	Black	0.67	13633231
12M2T-MTF	DN19	3/4"	29	241	964	95	Black	0.8	13633232
16M2T-MTF	DN25	1"	37.7	172	688	115	Black	1.41	13633233

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