

## GATES Hydraulic hose M3KH-MTF (R17) MegaTuff™



### Characteristics

- Type:** M3KH-MTF
- Material of inner wall:** NBR
- Material of outer wall:** CR
- Quality cover:** Gates Megatuff
- Temperature range [°C]:** -40 / 121 °C
- SAE standard:** SAE 100 R17
- ISO standard:** ISO 11237 R17

### Application

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

### Technical Information

#### Temperature range:

- -40°C to +121°C

### Construction

#### Tube:

- NBR (Nitrile) based.

#### Reinforcement:

- -4 to -8: one braid of high tensile steel wire
- -10 to -16: two braids of high tensile steel wire

#### Cover:

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

### Execution

- 70% of EN 857 2SC and 50% of EN 853 2SN bend radius at rated working pressure. Alternative to spiral hoses in high pressure lines where flexibility is required. Superior flex impulse performance: tested to 600,000 impulse cycles, 3 times the industry standard. M3KH hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids. With the Gates special MegaTuff® cover which offers 300 times the abrasion resistance of the standard M3K cover as per ISO 6945, superior ozone and weathering resistance.

### Approval

#### Standards:

- Exceeds ISO 11237 R17. SAE 100 R17.
- Meets or exceeds EN 857 1SC/2SC performance requirements.

### Options

#### Recommended couplings:

- MegaCrimp®

Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Article
		in						
4M3KH-MTFXRL134	DN06	1/4"	12.2	225	900	50	Black	14607041
6M3KH-MTFXRL101	DN10	3/8"	16	225	900	65	Black	14607042
8M3KH-MTFXRL101	DN12	1/2"	20.3	225	900	90	Black	14607043
10M3KH-MTFXRL67	DN16	5/8"	25.1	225	900	100	Black	14607044
12M3KH-MTFXRL67	DN19	3/4"	29.2	225	900	120	Black	14607045
16M3KH-MTFXRL50	DN25	1"	37.6	225	900	150	Black	14607046

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