

GATES Hydraulic hose M3K-XTF (R17) XtraTuff™

Characteristics

Type: M3K-XTF

Material of inner wall: NBR

Material of outer wall: NBR/PVC

Quality cover: Gates XtraTuff

Temperature range [°C]: -40 / 100 °C

EN standard: EN 857-ISC/2SC

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 +100°C constant and +121°C intermittent.

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:

- NBR/PVC based.
- MSHA approved.
- XtraTuff™.

Execution

- 70% of EN 857 2SC and 50% of EN 853 2SN bend radius at rated working pressure.
- Superior flex impulse performance: tested to 600,000 impulse cycles.
- Exceeds working pressure requirements of R17.
- M3K-XTF hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- Gates special XtraTuff™ cover offers 25 times the abrasion resistance of the standard M3K cover as per ISO 6945.

Approval

Standards:

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

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							
3M3K-XTFXRL134	DN05	3/16"	10.9	225	900	33	Black		14606990
4M3K-XTFXRL134	DN06	1/4"	12.2	225	900	40	Black	0.17	11374410
5M3K-XTFXRL117	DN08	5/16"	15.2	225	900	45	Black	0.26	11374411
6M3K-XTFXRL101	DN10	3/8"	17.3	225	900	50	Black	0.28	11374412
8M3K-XTFXRL67	DN12	1/2"	20.3	225	900	70	Black	0.41	1029519
10M3K-XTFXRL67	DN16	5/8"	25.1	225	900	90	Black	0.73	11374413
12M3K-XTFXRL67	DN19	3/4"	29.2	225	900	115	Black	0.91	11374414
16M3K-XTFXRL50	DN25	1"	37.6	225	900	115	Black	1.55	11374415

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