

## GATES Hydraulic hose M4K-XTF (R19) XtraTuff™

### Characteristics

**Type:** M4K-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 857-2SC

**SAE standard:** SAE 100 R19

**ISO standard:** ISO 11237 R19

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

### Execution

- 50% of EN 857 2SC and 40% 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.
- M4K-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 M4K cover as per ISO 6945.0

### Approval

**Standards:**

- Exceeds ISO 11237 R19. SAE 100 R19.
- Meets or exceeds EN 857 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	mm	bar	bar	mm			
4M4K-XTFXRL134	DN06	1/4"	14	280	1120	40	Black	0.33	1033063
5M4K-XTFXRL107	DN08	5/16"	15.5	280	1120	45	Black		14606988
6M4K-XTFXRL101	DN10	3/8"	17.8	280	1120	50	Black	0.46	1033065
8M4K-XTFXRL67	DN12	1/2"	28	280	1120	70	Black	0.51	1033064
10M4K-XTFXRL67	DN16	5/8"	25.1	280	1120	75	Black	0.74	11374400
12M4K-XTFXRL67	DN19	3/4"	29.7	280	1120	95	Black	0.93	11374401

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