

GATES Hydraulic hose M3K (R17)

Characteristics

Type: M3K
Material of inner wall: NBR
Material of outer wall: NBR/PVC
Quality cover: Standard
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.

Execution

- 70% of EN 857 ISC/2SC and 50% of EN 853 ISN/2SN bend radius at rated working pressure.
- Superior flex impulse performance: tested to 600,000 impulse cycles.
- Exceeds working pressure requirements of R17.
- M3K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

Approval

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

Type approval:

- DNV, LR, BV and ABS.

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							
3M3KXRL300	DN05	3/16"	10.9	225	900	33	Black		14606989
4M3KXRL200	DN06	1/4"	12.2	225	900	40	Black	0.17	1064709
5M3KXRL175	DN08	5/16"	15.2	225	900	55	Black	0.26	1064710
6M3KXRL150	DN10	3/8"	16	225	900	50	Black	0.28	1064711
8M3KXRL100	DN12	1/2"	20.3	225	900	70	Black	0.41	1064708
10M3KXRL50	DN16	5/8"	25.1	225	900	75	Black	0.73	11374407
12M3KXRL50	DN19	3/4"	29.2	225	900	95	Black	0.91	11374408
16M3KXRL50	DN25	1"	37.6	225	900	115	Black	1.55	11374409

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