GATES Hydraulic hose MegaSys® M4KH (R19)

Characteristics

Series: MegaSys®
Type: M4KH
Material of inner wall: NBR
Material of outer wall: CR
Quality cover: Standard
Temperature range [°C]: -40 / 121 °C
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 +121°C

Construction

Tube:

- NBR (Nitrile) based.

Reinforcement:

- Two braids of high tensile steel wire.

Cover:

- CR (Chloroprene) based.
- MSHA approved.

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.
- Lightweight.
- M4KH 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 R19. SAE 100 R19.
- Meets or exceeds EN 857 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	Weight	Article
		in	mm	bar	bar	mm		kg/m	
4M4KH	DN06	1/4"	13.7	280	1120	50	Black	0.33	11407447
6M4KH	DN10	3/8"	17.5	280	1120	65	Black	0.46	11407448
8M4KH	DN12	1/2"	20.8	280	1120	90	Black	0.57	11407449
10M4KH	DN16	5/8"	25	280	1120	100	Black	0.82	11407450
12M4KH	DN19	3/4"	29.6	280	1120	120	Black	1.09	11407451

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