

GATES Hydraulic hose MegaSys® MXT



Characteristics

Series: MegaSys®

Type: MXT

Material of inner wall: NBR

Material of outer wall: NBR/PVC

Quality cover: Standard

Temperature range [°C]: -40 / 100 °C

SAE standard: SAE 100 R16

ISO standard: ISO 11237 R16

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

Construction

Tube:

- NBR (Nitrile) based.

Reinforcement:

- Braided high-tensile steel wire.

Cover:

- NBR/PVC based.
- MSHA approved.

Execution

- Superior flex impulse performance: tested to 600,000 impulse cycles, which is 3 times the impulse criteria.
- Lower force-to-bend for faster and more ergonomic installation.
- Lightweight for easier handling and reduced equipment weight.
- MXT hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- Patented construction.

Approval

Standards:

- Exceeds SAE 100R 16, ISO 11237 R16 and ISO 11237 R17 [-4 to -12].
- Exceeds EN 853 2SN and EN 857 2SC performance.
- Exceeds ISO 1436 R2 and ISO 11237 R19 [-4 to -8] performance.

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	
4MXTxRL175	DN06	1/4"	14	420	1680	40	Black	0.3	13628661
4MXT	DN06	1/4"	14	420	1680	40	Black	0.3	13628670
5MXT	DN08	5/16"	15.2	380	1520	45	Black	0.33	13628671
5MXTxRL150	DN08	5/16"	15.2	380	1520	45	Black	0.33	13628663
6MXT	DN10	3/8"	17.1	330	1320	65	Black	0.39	13628672
6MXTxRL100	DN10	3/8"	17.1	330	1320	65	Black	0.39	13628665
8MXTxRL75	DN12	1/2"	20.2	280	1120	70	Black	0.46	13628666
8MXT	DN12	1/2"	20.2	280	1120	70	Black	0.46	13628673
10MXT	DN16	5/8"	24	250	1000	75	Black	0.57	13628674
10MXTxRL50	DN16	5/8"	24	250	1000	75	Black	0.57	13628667
12MXTxRL50	DN19	3/4"	27.4	215	860	120	Black	0.7	13628668
12MXT	DN19	3/4"	27.4	215	860	120	Black	0.7	13628675
16MXT	DN25	1"	35.1	165	660	150	Black	1	13628676
16MXTxRL30	DN25	1"	35.1	165	660	150	Black	1	13628669

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