

GATES Hydraulic hose Megaflex® M2T-XTF (R16) XtraTuff™

Characteristics

Type: M2T-XTF

Material of inner wall: NBR

Material of outer wall: NBR/PVC

Quality cover: Gates XtraTuff

Temperature range [°C]: -40 / 100 °C

SAE standard: SAE 100 R16

ISO standard: ISO 11237 R16

Application

- Recommended for high-pressure hydraulic oil line applications. Easy to route and to install in tight areas.

Technical Information

Temperature range:

- -40° to +100°C

Construction

Tube:

- NBR (Nitrile) based.

Reinforcement:

- Two braids of high tensile steel wire.

Cover:

- NBR (Nitrile) based.
- MSHA approved.
- XtraTuff™

Execution

- Superior flex impulse performance: Tested to 600,000 impulse cycles at 50% of EN 857 2SC bend radii.
- M2T® hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.
- With the Gates special XtraTuff® cover which offers 25 times the abrasion resistance of the standard M2T cover as per ISO 6945.
- M2T-XTF hose has smaller exterior dimensions and significantly tighter bend radius than competitive R16 hoses.

Approval

Standards:

- Exceeds ISO 11237 R16.
- Exceeds ISO 1436 2SN R2 and SAE 100R2 performance.
- Exceeds EN 857 2SC and EN 853 2SN performance.

Type approval:

- DNV

Options

Recommended couplings:

- GlobalSpiral couplings [-6 through -16]
- MegaCrimp couplings [-4 through -20]



Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Article
		in	mm	bar	bar	mm		
4M2T-XTFXRL107	DN06	1/4"	14.2	420	1680	40	Black	14606994
5M2T-XTFXRL107	DN08	5/16"	15.5	380	1520	45	Black	14606995
6M2T-XTFXRL101	DN10	3/8"	17.8	350	1400	50	Black	14606996
8M2T-XTFXRL101	DN12	1/2"	20.8	290	1184	70	Black	14606997
10M2T-XTFXRL67	DN16	5/8"	24.1	262	1048	75	Black	14606998
12M2T-XTFXRL67	DN19	3/4"	28.2	241	964	95	Black	14606999
16M2T-XTFXRL50	DN25	1"	35.3	172	688	115	Black	14607000
20M2T-XTFXCT40	DN31	1.1/4"	42.4	159	636	210	Black	14607001
24M2T-XTFXCT40	DN38	1.1/2"	50.8	140	560	250	Black	14607002
32M2T-XTFXCT40	DN51	2"	64.3	103	412	315	Black	14607003

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