



DRIVEN BY POSSIBILITY™

GATES® MEGASYS™

# MXT™ HYDRAULIC HOSE

WITH STANDARD AND XTRATUFF™ PLUS COVERS

DESIGNED TO DELIVER OPTIMISED PERFORMANCE AND EXTRAORDINARY DURABILITY.

MXT™ was designed to address our customers' evolving application challenges. Using materials science and process innovation, combined with a patent-pending construction, Gates® offers a hydraulic solution that is lighter, stronger, and more flexible. Made with strong, high-performance reinforcement and high quality, abrasion-resistant rubber, MXT™ is a universally applicable premium product offering performance above industry standards. Its diversified application allows you to consolidate inventory while giving you exactly the hose you need, when you need it.

The XtraTuff™ Plus cover on MXT™ hose offers improved abrasion and ozone resistance, delivering increased durability to power your most demanding fluid power applications.

## FEATURES + BENEFITS

- Patent-pending in the U.S.
- Proprietary application of materials science and processing technology
- Gates® XtraTuff™ Plus cover available on MXT™, providing increased abrasion and ozone resistance
- More flexible with up to 40% lower force-to-bend for faster and more ergonomic installation
- Up to 30% lighter weight for easier handling
- Tested to 3X impulse criteria (600,000 cycles)
- Consolidate inventory with a universal, multi-use hose
- Fulfills the requirements of MDG41. Meets and exceeds FRAS and MSHA requirements
- MXT™ compatible with GlobalSpiral™ & MegaCrimp™ Couplings and Gates® crimpers
- MXT™-XTP compatible with MegaCrimp™ Couplings and Gates® crimpers



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GATES® MEGASYS™ MXT™ HYDRAULIC HOSE:

# IF THERE'S A BETTER WAY, WE'LL FIND IT.

WITH OPTIONAL XTRATUFF™ PLUS COVER

MXT™ is an innovative addition to Gates® premium, MegaSys™ Hydraulics portfolio that leverages our materials science and process technologies to deliver a lighter weight, flexible and more compact solution without compromising performance.



## WE'VE GOT YOU COVERED.

Gates® XtraTuff™ Plus is also available on MXT™. Our latest material breakthrough is engineered for exceptional durability to cover your assets in the most demanding fluid power applications.

- 25X more abrasion resistant
- Enhanced ozone resistance
- No impact to flexibility
- Exceptional durability
- MSHA certified

# THE NEXT GENERATION OF PREMIUM HYDRAULICS

## PRODUCT SPECIFICATIONS:

- **STANDARD:** Meets SAE 100R16 & 100R17\* dimension and performance; meets SAE 100R2 & SAE 100R19\* performance; meets EN 853 2SN and EN 857 2SC performance (\*Applies only to sizes up to and including -12 for SAE 100R17 and -8 for SAE 100R19)
- **CONSTRUCTION:** Black, oil resistant, synthetic rubber tube; braided high-tensile steel wire reinforcement
- **COVER:** Black, abrasion and ozone resistant, synthetic rubber; XtraTuff™ Plus cover (optional), smooth cover
- **CERTIFIED:** MSHA Flame Resistant
- **TEMPERATURE RANGE:** -40°F to +212°F (-40°C to +100°C)

## INDUSTRIES + APPLICATIONS:

- Construction + Mining
- Stationary
- Agriculture + Forestry
- Aerial Lift
- Control Lines
- Return Lines
- General System Lines
- Auxiliary Lines

HOSE SIZE	DN	ID (INCH)	OD (INCH)	OD (MM)	WP (PSI)	WP (MPa)	BURST (PSI)	BURST (MPa)	MIN. BEND RADIUS (INCH)	MIN. BEND RADIUS (MM)	WEIGHT (LBS/FT)	WEIGHT (KG/100M)
4	6	1/4	.550	14.0	6,000	41.4	24,000	165.5	1.5	38.1	0.20	30
5	8	5/16	.610	15.2	5,500	38.0	22,000	151.7	1.8	44.5	0.22	33
6	10	3/8	.675	17.1	4,800	33.1	19,200	132.4	2.5	64.0	0.26	39
8	12	1/2	.795	20.2	4,000	27.6	16,000	110.3	2.8	70.0	0.31	46
10	16	5/8	.945	24.0	3,625	25.0	14,500	100.0	3.9*	100.0*	0.38	57
12	19	3/4	1.08	27.4	3,125	21.5	12,500	86.2	4.8	121.0	0.47	70
16	25	1	1.380	35.1	2,400	16.5	9,600	66.2	6.0	152.0	0.67	100

\* Note: 10MXT™ is able to meet MBR of 3 inches (76mm); 10MXT™ XTP is able to meet MBR of 3.9 inches (100mm).

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