



DRIVEN BY POSSIBILITY™

# MXG™ 5K HYDRAULIC HOSE

## GATES MEGASYS™ HOSE WITH XTRATUFF™ PLUS COVER

**NEXT-LEVEL PERFORMANCE THAT IS ENGINEERED TO MAXIMIZE UPTIME AND BOOST YOUR PRODUCTIVITY.**

Built with our patented Xpiral™ woven spiral technology, MegaSys MXG 5K hydraulic hose is lightweight, highly flexible and qualified to one million impulse cycles at ISO 18752 DC (size 16 is qualified to ISO 18752 CC) when used with GlobalSpiral™ couplings.

At Gates, we don't limit our challenges, we challenge our limits. MXG 5K exceeds the performance of wire spiral constructions, but with the lower weight and flexibility driven by Gates materials science technology.

The durable XtraTuff Plus cover on MXG 5K hose delivers additional toughness with 25X abrasion resistance and 800+ hour ozone resistance.

**EXPERIENCE THE UNPARALLELED PERFORMANCE OF MEGASYS MXG 5K.**

### FEATURES AND BENEFITS

- Proprietary application of materials science and processing technology
- MXG 5K is rated to 350 bar (5,075 psi) working pressure at 250 °F (121 °C )
- MXG 5K is qualified to 1,000,000 impulse cycles with GlobalSpiral couplings (G20 Series) at ISO 18752 DC (Size 16 is qualified to ISO 18752 CC)
- MXG 5K is qualified to 600,000 impulse cycles with MegaCrimp couplings (G25 Series) for sizes -6 and -8 at 250 °F (121 °C )
- Compact construction with excellent flexibility and lower force-to-bend for faster and more ergonomic installation (force-to-bend is 35% better\* and OD is 5% smaller)
- 20% lighter weight for easier handling and installation
- Gates XtraTuff Plus cover comes standard on MXG, providing abrasion and ozone resistance
- MSHA Flame-resistant

\*Compared to legacy hoses (EFG5K) across all sizes.

GATES MEGASYS MXG 5K:

# EXPERIENCE UNPARALLELED PERFORMANCE

<b>Construction</b>	<p><b>Tube:</b> Black, oil-resistant, synthetic rubber tube</p> <p><b>Reinforcement:</b> Xpiral woven spiral construction with four layers of high-tensile steel wire reinforcement</p> <p><b>Cover:</b> Black, XtraTuff™ Plus abrasion resistant, ozone resistant, synthetic rubber; smooth cover</p>
<b>Temperature range</b>	-40°F to +250°F (-40°C to +121°C)
<b>Standard</b>	<p>Exceeds performance criteria for ISO 18752 350DC (size 16 exceeds criteria for 350CC), SAE 100R13, EN856 R13, ISO 3862 R13.</p> <p>Sizes -10, -12 and -16 also exceed EN856 4SP performance requirements.</p>

MXG 5K HYDRAULIC HOSE													
SIZE	HOSE I.D.		HOSE O.D.		MAXIMUM WORK PRESSURE		MINIMUM BURST		MINIMUM BEND RADIUS		WEIGHT REFERENCE		COUPLING
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm	kg/100 m	lb/100 ft	
6 MXG 5K	3/8	9.5	0.71	18.0	5,075	35.0	20,300	140	2.5	65	43.8	29.0	GS
8 MXG 5K	1/2	12.7	0.85	21.6	5,075	35.0	20,300	140	3.5	90	61.0	41.0	GS
10 MXG 5K	5/8	15.8	1.03	26.1	5,075	35.0	20,300	140	4.0	100	88.3	59.0	GS
12 MXG 5K	3/4	19.0	1.16	29.6	5,075	35.0	20,300	140	4.7	120	107.0	72.0	GS
16 MXG 5K	1	25.4	1.52	38.7	5,075	35.0	20,300	140	6.0	150	184.0	123.6	GS

APPLICATIONS AND MARKETS



AGRICULTURE AND OFF-ROAD



FORESTRY AND DELIMITERS



BOOM ARMS AND LOADERS



MANUFACTURING



CONSTRUCTION AND EXCAVATORS



MINING AND DRILL RIGS

## DIFFICULT SITUATIONS HANDLED EFFORTLESSLY

WE'VE GOT YOU COVERED

MXG 5K comes with Gates XtraTuff Plus, our latest material breakthrough, 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

