DRIVEN BY POSSIBILITY™

GATES® MEGASYS™ HOSE WITH XTRATUFF™ PLUS COVER:

MXG™ 5K HYDRAULIC HOSE

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. MXG™ 5K exceeds the performance of wire spiral constructions, but with the lower weight and flexibility driven by Gates materials science technology. The XtraTuff™ Plus cover on MXG™ 5K hose offers 25X the abrasion resistance of standard covers, as well as impressive ozone resistance.

At Gates, we don't limit our challenges, we challenge our limits. Using advancements in Gates R&D, we leveled up our hydraulic hose and engineered it to meet ever-tougher industrial and mobile equipment requirements — making a next-level performance hose that is a lot lighter, smaller, tougher and more agile.

Experience the unparalleled performance of MegaSys MXG 5K.

FEATURES + BENEFITS

- Proprietary application of materials science and processing technology
- MXG™ 5K is 350 bar working pressure or 5075 psi
- Exceeds performance criteria of ISO 18752 350DC, SAE 100R13, EN856 R13, and ISO 3862 R13; sizes -10, -12 and -16 also rated for EN856 4SP
- 1,000,000 cycle impulse life exceeds industry standards for longevity in the factory or field
- Compact construction with excellent flexibility and lower force-to-bend for faster and more ergonomic installation (force-to-bend is 25% 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
- Utilizes Gates GS GlobalSpiral™ couplings; compatible with Gates Crimpers

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GATES® MEGASYS™ MXG™ 5K HYDRAULIC HOSE:

EXPERIENCE UNPARALLELED PERFORMANCE

MEGASys™ MXG™ 5K from Gates is 20% lighter, 25% more flexible and 5% more compact than any comparable hydraulic hose in the market. It is intentionally engineered with the latest advancements in materials science and process technologies to make it all possible. The durable XtraTuff™ Plus cover delivers additional toughness with 25X abrasion resistance and 800+ hour ozone resistance.

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

DIFFICULT SITUATIONS HANDLED EFFORTLESSLY

PRODUCT SPECIFICATIONS:

- **STANDARD:** Exceeds all criteria of ISO 18752 350DC; exceeds performance criteria of SAE 100R13, EN856 R13, ISO 3862 R13 (sizes -10, -12 and -16 also exceeds EN856 4SP performance requirements)
- **CONSTRUCTION:** Xpiral™ woven spiral construction with four layers of high-tensile steel wire reinforcement; black, oil-resistant, synthetic rubber tube
- **COVER:** Black, XtraTuff™ Plus abrasion resistant, ozone resistant, synthetic rubber; smooth cover
- **CERTIFIED:** MSHA Flame Resistant
- **TEMPERATURE RANGE:** -40°F to +250°F (-40°C to +121°C)

INDUSTRIES + APPLICATIONS:

- Construction + Excavators
- Mining + Drill Rigs
- Manufacturing
- Forestry + Delimbers
- Agriculture + Off-Road
- Boom Arms + Loaders

HOSE SIZE	DN	ID (INCH)	OD (INCH)	OD (MM)	WP (PSI)	WP (MPa)	BURST (PSI)	BURST (MPa)	MBR (INCH)	MBR (MM)	WEIGHT (LBS/FT)	WEIGHT (KG/100M)	COUPLING
6 MXG 5K	10	3/8	.71	18.0	5,076	35.0	20,300	140	2.5	65	0.29	43.8	GS
8 MXG 5K	12	1/2	.85	21.6	5,076	35.0	20,300	140	3.5	90	0.41	61.0	GS
10 MXG 5K	16	5/8	1.03	26.1	5,076	35.0	20,300	140	3.9	100	0.59	88.3	GS
12 MXG 5K	19	3/4	1.16	29.6	5,076	35.0	20,300	140	4.7	120	0.72	107.0	GS
16 MXG 5K	25	1	1.52	38.7	5,076	35.0	20,300	140	5.9	150	1.23	183.0	GS

