



DRIVEN BY POSSIBILITY™

GATES MEGASYS™

MXG™ 4K HYDRAULIC HOSE

WITH XTRATUFF™ PLUS COVER

MXG 4K. HIGH-PRESSURE PERFORMANCE REDEFINED.

Built with our patented Xpiral™ woven spiral technology, MegaSys MXG 4K hose is lightweight, highly flexible and qualified to ONE MILLION impulse cycles with Gates GS couplings — it's a drop-in replacement for conventional spiral hoses.

Where others see a hose, we see a solution that can benefit our customers. Using materials science advancements, design expertise and processing technologies, we engineered a new class of hydraulic hose that exceeds the pressure and performance of wire spiral constructions, but with the lower weight and flexibility driven by Gates reinforcement technology. The XtraTuff Plus abrasion-resistant cover on MXG 4K hose offers improved ozone resistance, withstands operating temperatures up to 121°C, and delivers exceptional durability to power your most demanding fluid power applications.

FEATURES + BENEFITS

- Proprietary application of materials science and processing technology
- Exceeds performance criteria of ISO 18752 280DC, SAE 100R12, EN856 R12, and ISO 3862 R12; size -16 also rated for EN856 4SP
- For inventory consolidation, also exceeds SAE 100R19
- 1,000,000 cycle impulse life exceeds industry standards (2X spiral and 5X wire braid standards) with GS couplings
- Impulse tested to the same parameters as Gates EFG4K spiral hose (pressure, temperature and bend radius)
- Compact construction with excellent flexibility and lower force-to-bend for faster and more ergonomic installation (force-to-bend is 40% better and OD is 8% smaller)
- 30% lighter weight for easier handling and installation
- Gates XtraTuff Plus cover comes standard on MXG, providing abrasion and ozone resistance
- Utilises Gates GS GlobalSpiral™ and MegaCrimp™ (-6 to -12) couplings; compatible with Gates crimpers



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THE NEXT GENERATION OF PREMIUM HYDRAULICS

GATES MEGASYS MXG 4K HYDRAULIC HOSE:

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

-40% FORCE-TO-BEND. -30% WEIGHT. -8% O.D.

MXG 4K 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.



PRODUCT SPECIFICATIONS:

- **STANDARD:** Exceeds all criteria of ISO 18752 280DC and SAE 100R19; exceeds performance criteria of SAE 100R12, EN 856 R12, ISO 3862 R12 (Size -16 also exceeds EN 856 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 & FRAS rated
- **TEMPERATURE RANGE:** -40°C to +121°C (-40°F to +250°F)

WE'VE GOT YOU COVERED.

MXG 4K 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

INDUSTRIES + APPLICATIONS:

- Construction + Mining
- Stationary
- Forestry + Agriculture
- Hydrostatic Drives
- Boom Arms + Excavators
- Off-Road
- Rockbreaker + Water Well Rig
- Vacuum Trucks
- Boomer + Hammer Drill

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)	COUPLING
6MXG	10	3/8	.70	17.7	4,060	28.0	16,240	112	2.5	65	0.26	38.2	GS, G*
8MXG	12	1/2	.82	20.7	4,060	28.0	16,240	112	3.5	90	0.35	51.9	GS, G*
10MXG	16	5/8	.99	25.2	4,060	28.0	16,240	112	3.9	100	0.47	69.3	GS, G*
12MXG	19	3/4	1.14	28.9	4,060	28.0	16,240	112	4.7	120	0.64	94.7	GS, G*
16MXG	25	1	1.50	38.0	4,060	28.0	16,240	112	5.9	150	1.05	156.9	GS

Note: * MegaCrimp G couplings rated to 600,000 impulse cycles.

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