



DRIVEN BY POSSIBILITY™

GATES® MEGASYS™

# MXG™ 4K HYDRAULIC HOSE WITH XTRATUFF™ PLUS COVER

## MXG 4K. HIGH-PRESSURE PERFORMANCE REDEFINED.

Built with our proprietary wire-braid process technology, MegaSys™ MXG™4K hose is lightweight, highly flexible, and qualified to ONE MILLION impulse cycles — 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® wire-braid 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™ couplings compatible with Gates Crimpers
- ABS and DNV Certification



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# THE NEXT GENERATION OF PREMIUM HYDRAULICS

## PRODUCT SPECIFICATIONS:

## 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.



- **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:** Black, oil resistant, synthetic rubber tube; two layers of braided, high-tensile steel wire reinforcements
- **COVER:** Black, XtraTuff Plus abrasion resistant, ozone resistant, synthetic rubber; smooth cover
- **CERTIFIED:** MDG41 & FRAS
- **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:

- Marine
- 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 (KG/M)	WEIGHT (KG/100M)	COUPLING
6MXG	10	3/8	.70	17.7	4,060	28.0	16,240	112	2.5	65	0.38	38.2	GS
8MXG	12	1/2	.82	20.7	4,060	28.0	16,240	112	3.5	90	0.52	51.9	GS
10MXG	16	5/8	.99	25.2	4,060	28.0	16,240	112	3.9	100	0.69	69.3	GS
12MXG	19	3/4	1.14	28.9	4,060	28.0	16,240	112	4.7	120	0.95	94.7	GS
16MXG	25	1	1.50	38.0	4,060	28.0	16,240	112	5.9	150	1.57	156.9	GS

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