GATES® MEGASYSTE™
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 250°F, 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
- Utilizes Gates GS GlobalSpiral™ couplings; compatible with Gates Crimpers

GATES.COM
GATES® MEGASYSTM MX™ 4K HYDRAULIC HOSE:

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

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

MX™ 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.

WE’VE GOT YOU COVERED.

MX™ 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

THE NEXT GENERATION OF PREMIUM HYDRAULICS

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: 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: MSHA Flame Resistant
- TEMPERATURE RANGE: -40°F to +250°F (-40ºC to +121ºC)

INDUSTRIES + APPLICATIONS:

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

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<th>HOSE SIZE</th>
<th>DN (INCH)</th>
<th>ID (INCH)</th>
<th>OD (INCH)</th>
<th>OD (MM)</th>
<th>WP (PSI)</th>
<th>WP (MPa)</th>
<th>BURST (PSI)</th>
<th>BURST (MPa)</th>
<th>MIN. BEND RADIUS (INCH)</th>
<th>MIN. BEND RADIUS (MM)</th>
<th>WEIGHT (LBS/FT)</th>
<th>WEIGHT (KG/100M)</th>
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