



FLUID TRANSFER TECHNOLOGY

HYDRAULIC HOSES



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WIRE BRAID

M5K - MegaTuff®



Applications

High-pressure hydraulic applications exceeds ISO18752 Grade B. Provides tighter than standard minimum bend radius and greater flexibility for easier plumbing.

Features

- Isobaric Hose, 5,000 psi working pressure
- High flexibility and low weight when compared to spiral hoses

Temperature Range

-40°C to +100°C.

#	inch		DN		mm		bar		psi		mm		
4M5K-MTF	1/4		6		14.0		345		5,000		1379	20,000	51
6M5K-MTF	3/8		10		17.8		345		5,000		1379	20,000	63
8M5K-MTF	1/2		12		21.8		345		5,000		1379	20,000	89

M2T - MegaTuff®



Applications

MegaTuff® hose lasts up to 300 times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests per ISO 6945 Exceeds SAE 100R16, SAE 100R2, ISO11237 2SC R16 and ISO 1436. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

Features

- Compact design braided hose
- Extra Abrasion Resistant

Temperature Range

-40°C to +100°C.

#	inch		DN		mm		bar		psi		mm		
4M2T-MTF	1/4		6		14.2		414		6,000		1655	24,000	38
6M2T-MTF	3/8		10		17.8		345		5,000		1379	20,000	51
8M2T-MTF	1/2		12		20.8		296		4,300		1186	17,200	71
10M2T-MTF	5/8		16		24.1		262		3,800		1048	15,200	76
12M2T-MTF	3/4		19		28.2		241		3,500		965	14,000	97
16M2T-MTF	1		25		35.3		172		2,500		689	10,000	114

MXG™ 4K Hydraulic Hose



Applications

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.

Features

- 1,000,000 cycle impulse life exceeds industry standards (2X spiral and 5X wire braid standards)
- 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 new XtraTuff™ Plus cover comes standard on MXG, providing abrasion and ozone resistance

Temperature Range

-40°C to +121°C.

#	inch		DN		mm		bar		psi		mm		
6MXG	3/8		10		17.7		280		4,060		1120	16,240	65
8MXG	1/2		12		20.7		280		4,060		1120	16,240	90
10MXG	5/8		16		25.2		280		4,060		1120	16,240	100
12MXG	3/4		19		28.9		280		4,060		1120	16,240	120
16MXG	1		25		38.0		280		4,060		1120	16,240	150