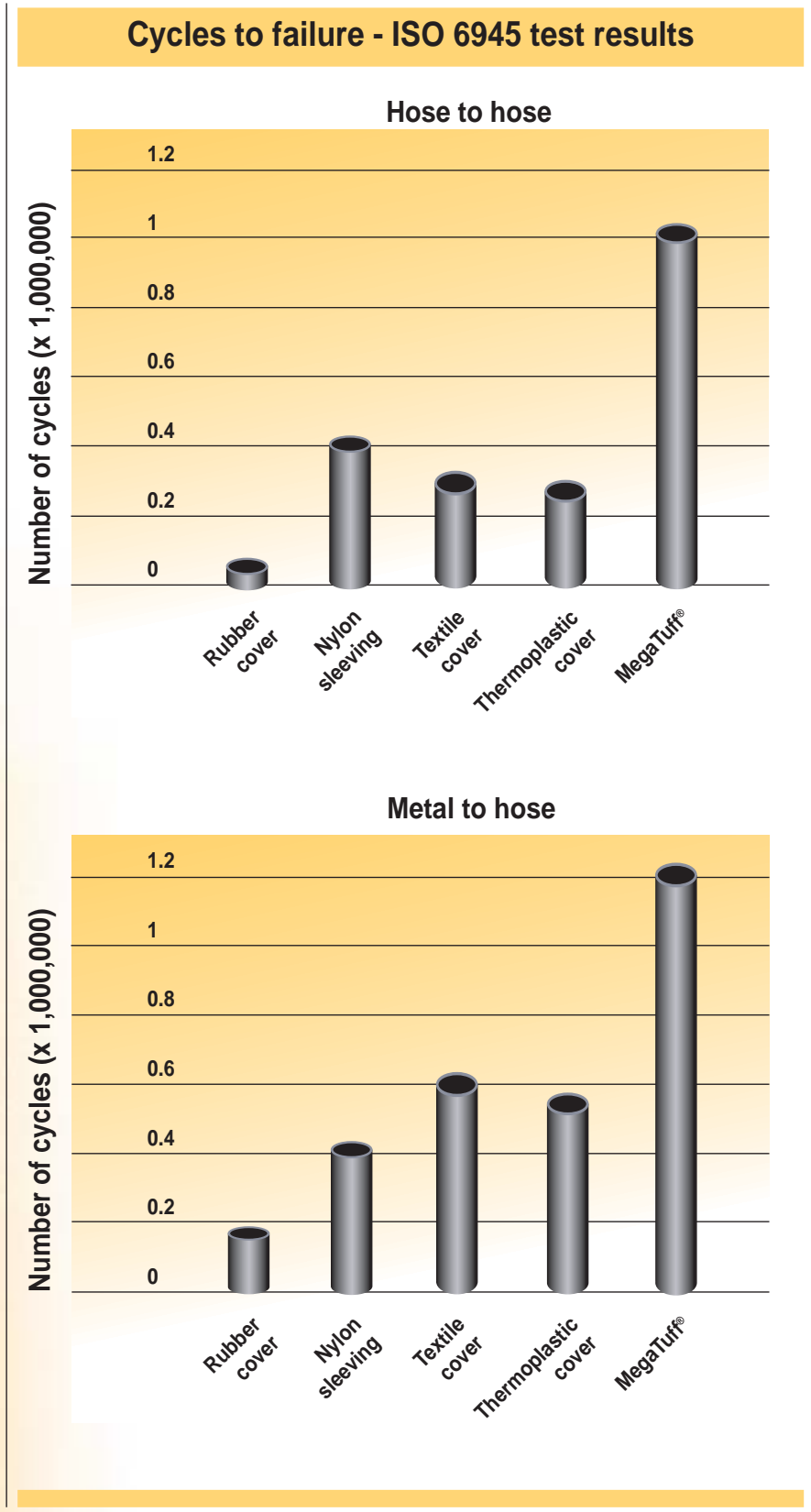




## MegaTuff® hose stands up to extended use

In internationally recognised ISO 6945 performance tests, MegaTuff® hoses passed one million cycles with no failure. That is more than three hundred times longer than standard rubber cover hose. Extended hose life means less downtime, lower maintenance and significant cost savings.



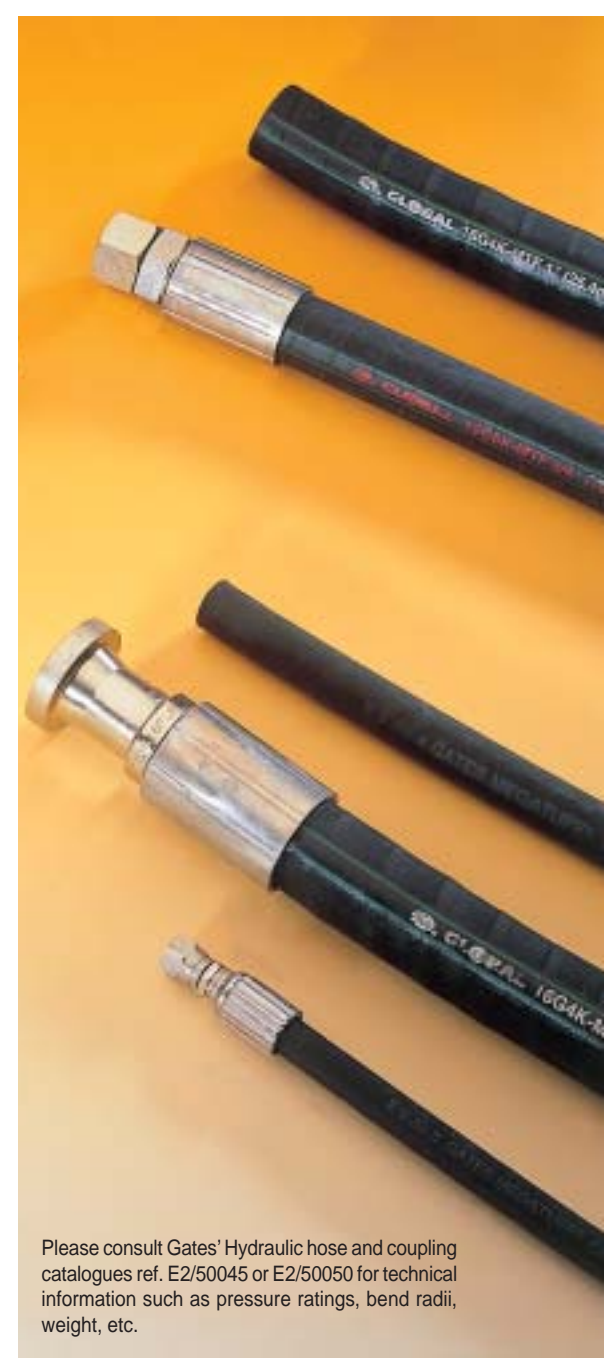
## MegaTuff® product line

MegaTuff® hose lasts more than three hundred times longer than standard hose during hose-to-hose and hose-to-metal abrasion tests

INSIDE DIAMETER	CATALOGUE REFERENCE	PRODUCT NO.
<b>MegaSys Pressure G6K-MTF spiral wire hose - 42.0 MPa</b>		
-6 10 mm 3/8"	6G6K-MTF	4651-00520
-8 12 mm 1/2"	8G6K-MTF	4651-00521
-10 16 mm 5/8"	10G6K-MTF	4651-01261
-12 19 mm 3/4"	12G6K-MTF	4651-01262
-16 25 mm 1"	16G6K-MTF	4651-00522
<b>MegaSys Pressure G5K-MTF spiral wire hose - 35.0 MPa</b>		
-10 16 mm 5/8"	10G5K-MTF	4651-01270
-12 19 mm 3/4"	12G5K-MTF	4651-001275
-16 25 mm 1"	16G5K-MTF / 16C13-MTF	4651-00442
-20 31 mm 1.1/4"	20G5K-MTF / 20C13-MTF	4651-00444
-24 38 mm 1.1/2"	24G5K-MTF / 24C13-MTF	4651-00446
-32 51 mm 2"	32G5K-MTF / 32C13-MTF	4651-00448
<b>MegaSys Pressure G4K-MTF spiral wire hose - 28.0 MPa</b>		
-16 25 mm 1"	16G4K-MTF	4651-01266
-20 31 mm 1.1/4"	20G4K-MTF	4651-00568
<b>MegaSys Pressure G3K-MTF spiral wire hose - 21.0 MPa</b>		
-20 31 mm 1.1/4"	20G3K-MTF / 20C13-MTF	4651-01265
-24 38 mm 1.1/2"	24G3K-MTF / 24C13-MTF	4651-00569
<b>CM2T-MTF Megaflex® two wire braid hose</b>		
-4 6 mm 1/4"	CM2T04-MTF-CT150	4657-71662
-5 8 mm 5/16"	CM2T05-MTF-CT125	4657-71663
-6 10 mm 3/8"	CM2T06-MTF-CT100	4657-71664
-8 12 mm 1/2"	CM2T08-MTF-CT100	4657-71665
-10 16 mm 5/8"	CM2T10-MTF-CT80	4657-71666
-12 19 mm 3/4"	CM2T12-MTF-CT60	4657-71667
-16 25 mm 1"	CM2T16-MTF-CT40	4657-71668
<b>M1T-MTF Megaflex® one wire braid hose</b>		
-4 6 mm 1/4"	M1T04-MTF-CT150	4657-71766
-5 8 mm 5/16"	M1T05-MTF-CT125	4657-71873
-6 10 mm 3/8"	M1T06-MTF-CT125	4657-71767
-8 12 mm 1/2"	M1T08-MTF-CT100	4657-71950

**CAUTION:** Reverse bending (180°) and constant bending at CM2T minimum bend radius should be avoided. For constant bending CM2T-MTF hose have to be installed at 2SN bend radius or larger.

**CAUTION:** Reverse bending (180°) and constant bending at M1T minimum bend radius should be avoided. For constant bending M1T-MTF hose have to be installed at 1SN bend radius or larger.



Please consult Gates' Hydraulic hose and coupling catalogues ref. E2/50045 or E2/50050 for technical information such as pressure ratings, bend radii, weight, etc.

Your Distributor:

**Gates**  
The world's most trusted name in belts, hose and hydraulics.

It's **amazing** what some equipment users go through to find a **hydraulic hose** that **lasts**





Cover abrasion is the first cause of premature failure of standard hydraulic hose in rugged environments such as mining, injection moulding, rock quarries or construction. To prevent this type of hose failure one may cover hoses with expensive spring guards, sleeves or tubing, knowing that even those cannot always take the punishment. Or, one may turn to Gates MegaTuff® hydraulic hose.

## If abrasion is the problem, MegaTuff® is the solution

Gates' MegaTuff® hose is a cost-effective and long-lasting solution to the problem of abrasion. Thanks to the cover, made of a special hybrid compound, MegaTuff® hoses are exceptionally resistant to abrasion, but also to oil, ozone, chemicals and weathering.

### Built Mega-tough

The innovative manufacturing process guarantees superior adhesion of the MegaTuff® cover to the hose. The hose will never peel off like some other hose constructions do. And even with all this extra protection, MegaTuff® hoses are flexible and maintain minimum bend radius performance.

### MegaTuff® survives the harshest applications

During stringent abrasion tests MegaTuff® lasted up to three hundred times longer than standard rubber-covered hose. MegaTuff® hose has increased service life, needs less maintenance and, last but not least, saves you money.

Whether you use MegaTuff® hose on excavators, harvesters, backhoes or injection moulding equipment, it offers the abrasion resistance required by the harshest application.



### MegaTuff® saves money

MegaTuff® hose guarantees a long service life meaning less downtime, lower maintenance and, best of all, significant cost savings. It eliminates the need for costly hose protection such as spring guards, nylon sleeving or any other hose protection, thus reducing the total material cost.

### MegaTuff® combines ultrahigh flexibility with tough quality

The tough construction of MegaTuff® hose offers superior flex impulse performance on all sizes. On top of this the high flexibility permits tight routing and more compact and economical hydraulic systems.

*Using MegaTuff® hoses on your equipment will enhance the quality of your product and ultimately increase your customers' satisfaction.*

## MegaTuff® features and benefits

## An integrated high-performance programme



Spiral wire hoses (G6K, G5K, G4K and G3K) are qualified with GlobalSpiral™ no-skive couplings, whereas wire braid hose (CM2T and M1T) constructions can be assembled with MegaCrimp® no-skive couplings.

Gates MegaCrimp® is a one-piece, no-skive, easy-to-use coupling. It features a unique and patented "C" insert which assures even distribution of the crimping forces to form a concentric and leak-free seal. The GlobalSpiral™ two-piece, no-skive coupling provides extended service life: it surpassed one million impulse cycles at 133% of maximum working pressure at 120°C without failure. A one-piece stem provides extra reliability and assures minimum



MegaCrimp® coupling

GlobalSpiral™ coupling

flow restrictions. Both Gates coupling types are available in a wide range of terminations.

Efficient assembly can be done by using Gates' high-performance crimpers such as MC1000, MC2000, MC3000 and MC5000. They allow fast and factory-quality hose assembly.