

M5K

MEGASYS



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0.54	13.7	5000	35.0	20000	140.0	50	30	4M5K
-5	8	5/16	0.61	15.4	5000	35.0	20000	140.0	55	34	5M5K
-6	10	3/8	0.69	17.5	5000	35.0	20000	140.0	65	41	6M5K
-8	12	1/2	0.86	21.9	5000	35.0	20000	140.0	90	66	8M5K

RECOMMENDED FOR

High pressure hydraulic applications. Easy to route and to install in tight areas.

TUBE

NBR (Nitrile) based.

REINFORCEMENT

Two braids of high tensile steel wire.

COVER

NBR/PVC based. MSHA approved.

TEMPERATURE RANGE

-40°C to +100°C constant and +121°C intermittent. For water emulsions, etc. see page 86.

STANDARDS

Gates proprietary. Meets or exceeds EN 857 2SC and ISO 11237 performance requirements.

COUPLINGS

MegaCrimp®.

TYPE APPROVALS

DNV, GL, LR, BV and MOD.

CHARACTERISTICS/BENEFITS

70% of EN 857 2SC and 50% of EN 853 2SN bend radius at rated working pressure.

Superior flex impulse performance: tested to 600,000 impulse cycles.

Lightweight.

M5K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

OPTIONAL



4M5K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard 4M5K cover as per ISO 6945, superior ozone and weathering resistance. 4M5K-MTF is also suitable for in-oil (submersible) applications.