

M4K

MEGASYS



-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.
-4	6	1/4	0.54	13.7	4000	28.0	16000	112.0	50	33	4M4K
-5	8	5/16	0.61	15.4	4000	28.0	16000	112.0	55	34	5M4K
-6	10	3/8	0.69	17.5	4000	28.0	16000	112.0	65	46	6M4K
-8	12	1/2	0.82	20.8	4000	28.0	16000	112.0	90	51	8M4K
-10	16	5/8	0.98	25.0	4000	28.0	16000	112.0	100	74	10M4K
-12	19	3/4	1.15	29.1	4000	28.0	16000	112.0	120	93	12M4K

RECOMMENDED FOR

TUBE

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

REINFORCEMENT

NBR (Nitrile) based.

COVER

Two braids of high tensile steel wire.

TEMPERATURE RANGE

NBR/PVC based. MSHA approved.

STANDARDS

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

COUPLINGS

SAE 100R19. ISO 11237 R19. Meets or exceeds EN 857 2SC performance requirements.

TYPE APPROVALS

MegaCrimp®.

CHARACTERISTICS/BENEFITS

DNV, GL, LR, BV, ABS and MOD.

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.

Alternative to spiral hoses in high pressure lines where flexibility is required.

M4K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

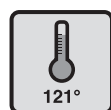
OPTIONAL



M4K-MTF: the complete range of M4K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard M4K cover as per ISO 6945, superior ozone and weathering resistance. M4K-MTF is also suitable for in-oil (submersible) applications.



M4K-XTF: the complete range of M4K is also available with the Gates special XtraTuff™ cover which offers 25 times the abrasion resistance of the standard M4K cover as per ISO 6945.



M4KH: for high-temperature applications, Gates recommends the M4KH hose range up to 121°C constant. Please refer to page 47.