

M3K

MEGASYS



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-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.	
-4	6	1/4	0.48	12.2	3250	22.5	13000	90.0	50	17	4M3K	
-5	8	5/16	0.59	15.1	3250	22.5	13000	90.0	55	26	5M3K	
-6	10	3/8	0.63	16.0	3250	22.5	13000	90.0	65	28	6M3K	
-8	12	1/2	0.80	20.2	3250	22.5	13000	90.0	90	41	8M3K	
-10	16	5/8	0.99	25.2	3250	22.5	13000	90.0	100	73	10M3K	
-12	19	3/4	1.14	29.0	3250	22.5	13000	90.0	120	91	12M3K	
-16	25	1	1.48	37.7	3250	22.5	13000	90.0	150	155	16M3K	

RECOMMENDED FOR

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

TUBE

NBR (Nitrile) based.

REINFORCEMENT

-4 to -8: one braid of high tensile steel wire; -10 to -16: 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

SAE 100R17. ISO 11237 R17. Meets or exceeds EN 857 1SC/2SC performance requirements.

COUPLINGS

MegaCrimp®.

TYPE APPROVALS

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

CHARACTERISTICS/BENEFITS

70% of EN 857 1SC/2SC and 50% of EN 853 1SN/2SN bend radius at rated working pressure.

Exceeds working pressure requirements of R17.

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

Lightweight.

M3K hose is compatible with biodegradable hydraulic fluids like synthetic esters, polyglycols and vegetable oils as well as petroleum-based fluids.

OPTIONAL



M3K-MTF: the complete range of M3K is also available with the Gates special MegaTuff™ cover which offers 300 times the abrasion resistance of the standard M3K cover as per ISO 6945, superior ozone and weathering resistance. M3K-MTF is also suitable for in-oil (submersible) applications.



M3K-XTF: the complete range of M3K is also available with the Gates special XtraTuff™ cover which offers 25 times the abrasion resistance of the standard M3K cover as per ISO 6945.



M3KH: for high-temperature applications, Gates recommends the M3KH hose range up to 121°C constant. Please refer to page 48.