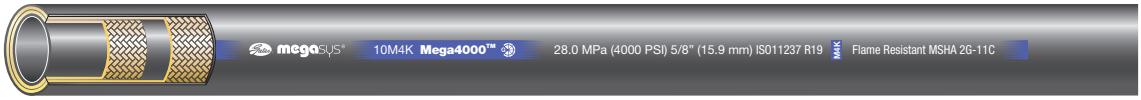
M4K



-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	40	33	4M4K
-5	8	5/16	0.61	15.4	4000	28.0	16000	112.0	45	34	5M4K
-6	10	3/8	0.69	17.5	4000	28.0	16000	112.0	50	46	6M4K
-8	12	1/2	0.82	20.8	4000	28.0	16000	112.0	70	51	8M4K
-10	16	5/8	0.98	25.0	4000	28.0	16000	112.0	75	74	10M4K
-12	19	3/4	1.15	29.1	4000	28.0	16000	112.0	95	93	12M4K

RECOMMENDED FOR High pressure hydraulic applications. Easy to route and to install in extremely 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 Temperature Limits Table.

STANDARDS Exceeds ISO 11237 R19. SAE 100R19.

COUPLINGS MegaCrimp®.

TYPE APPROVALS DNV, GL, LR, BV and ABS.

CHARACTERISTICS/BENEFITS

50% of EN 857 2SC and 40% of EN 853 2SN bend radius at rated working pressure.

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

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

Meets or exceeds EN 857 2SC performance requirements.

Lightweight.

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-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.

For high-temperature applications, Gates recommends the M4KH hose range up to +121°C constant. Please refer to page 59.

M4KL: for low-temperature applications, Gates recommends the M4KL range down to -57°C constant. Please refer to page 60.