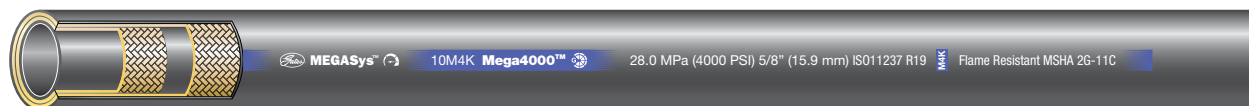


M4K

CONSTANT PRESSURE



-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. For water emulsions, etc. see Engineering and technical data page 292.

STANDARDS

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

COUPLINGS

MegaCrimp™.

TYPE APPROVALS

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

OPTIONAL



For high-temperature applications, Gates recommends the M4KH hose range up to +1 °C constant.



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