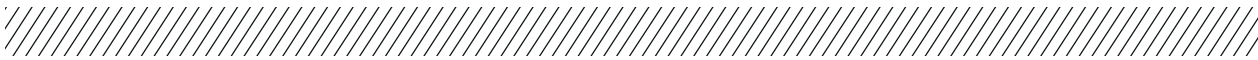
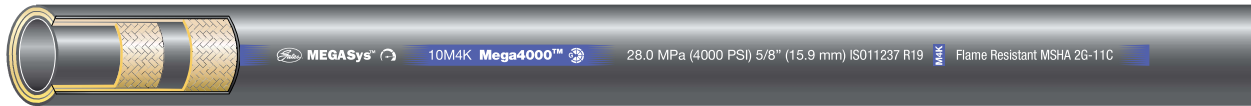


# MEGASYS™ WIRE AND TEXTILE BRAID HYDRAULIC HOSE



## M4K

CONSTANT PRESSURE



-size	DN		mm		PSI		MPa		mm	kg/100m	REF.
	DN	"	"	mm	PSI	MPa	PSI	MPa			
-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.

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