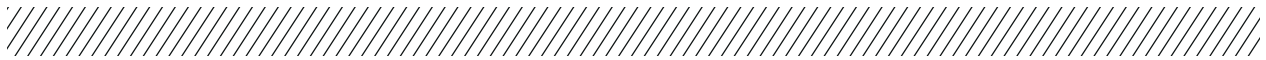
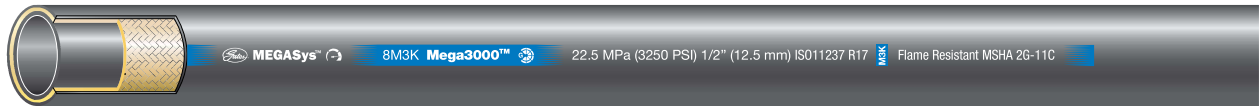


MEGASYS™ WIRE AND TEXTILE BRAID HYDRAULIC HOSE



M3K

CONSTANT PRESSURE



-size	↻		⊘		⊙		🌿		👤		REF.
	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	
-4	6	1/4	0.48	12.2	3250	22.5	13000	90.0	40	17	4M3K
-5	8	5/16	0.59	15.1	3250	22.5	13000	90.0	45	26	5M3K
-6	10	3/8	0.63	16.0	3250	22.5	13000	90.0	50	28	6M3K
-8	12	1/2	0.80	20.2	3250	22.5	13000	90.0	70	41	8M3K
-10	16	5/8	0.99	25.2	3250	22.5	13000	90.0	75	73	10M3K
-12	19	3/4	1.14	29.0	3250	22.5	13000	90.0	95	91	12M3K
-16	25	1	1.48	37.7	3250	22.5	13000	90.0	115	155	16M3K

RECOMMENDED FOR

High pressure hydraulic applications. Easy to route and to install in extremely 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. For water emulsions, etc. see Engineering and technical data page 292.

STANDARDS

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

COUPLINGS

MegaCrimp™.

TYPE APPROVALS

DNV, LR, BV and ABS.

CHARACTERISTICS/BENEFITS

- 70% of EN 857 1SC/2SC and 50% of EN 853 1SN/2SN bend radius at rated working pressure.
- Superior flex impulse performance: tested to 600,000 impulse cycles.
- Exceeds working pressure requirements of R17.
- Lightweight.
- M3K 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 M3KH hose range up to +121°C constant.