

(Meets Flame Resistance Acceptance Designation “MSHA 2G”, and ISO11237 R19)

Recommended For: High-pressure hydraulic applications. Exceeds SAE 100R19 and ISO11237 R19. Allows for tighter minimum bend radius, increased working pressure and improved impulse cycles than industry standards. Provides greater performance, flexibility, easier routing and plumbing of mobile and stationary hydraulic platforms.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Two braids of high-tensile steel wire.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2), with color coded layline. Also available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):

- GlobalSpiral™ Couplings (Section E)
- MegaCrimp® Couplings (Section G)
- Stainless Steel “S” and “B” Couplings (Section H)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
M4K-04	1/4"	0.55	4,000	16,000	1.5
M4K-06	3/8"	0.70	4,000	16,000	2.0
M4K-08	1/2"	0.82	4,000	16,000	2.8
M4K-10	5/8"	0.99	4,000	16,000	3.0
M4K-12	3/4"	1.17	4,000	16,000	3.8
M4K-16	1"	1.52	4,000	16,000	4.5

Global M3K Mega3000® Hose—SAE 100R17

(Meets Flame Resistance Acceptance Designation “MSHA 2G”, and ISO11237 R17)

Recommended For: High-pressure hydraulic oil lines. Exceeds SAE 100R17 and ISO11237 R17 working pressure, minimum bend radius requirements and performance requirements of EN 857 1SC. M3K hose has smaller exterior dimensions and significantly tighter bend radius than other SAE 100R1 and 100R2 hose.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Braided, high-tensile steel wire. -4, -5, -6 and -8 sizes are one braid; -10, -12 and -16 sizes are two braid.

Cover: Black, oil, abrasion and weather resistant, synthetic rubber (Modified Nitrile - Type C2), with color coded layline. Also available with unique abrasion resistant MegaTuff® or XtraTuff™ cover. See Hose Stock Characteristics.

Temperature Range: -40°F to +212°F (-40°C to +100°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):

- GlobalSpiral™ Couplings (Section E)
- MegaCrimp® Couplings (Section G)
- Power Crimp® Couplings (-3 only) (Section I)
- Stainless Steel “B” Couplings (Section H)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
M3K-04	1/4"	0.48	3,250	13,000	1.5
M3K-06	3/8"	0.63	3,250	13,000	2.0
M3K-08	1/2"	0.80	3,250	13,000	2.8
M3K-10	5/8"	0.99	3,250	13,000	3.0
M3K-12	3/4"	1.15	3,250	13,000	3.8
M3K-16	1"	1.48	3,250	13,000	4.5