

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE 100R4. Uses half the bend radius of SAE 100R4. Meets marine ABS with use of HeatGuard® high temp sleeve.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile (braid for -12, -16 and -20) reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

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

GL Couplings (Section J)

MegaCrimp® Couplings (-12 through -20) (Section G)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
GMV-12	3/4"	1.22	350	1,400	2.5
GMV-16	1"	1.45	300	1,200	3.0
GMV-20	1-1/4"	1.76	250	1,000	4.0
GMV-24	1-1/2"	2.01	162	648	5.0
GMV-32	2"	2.51	112	448	6.0
GMV-36	2-1/4"	2.76	88	352	7.0
GMV-40	2-1/2"	3.02	68	272	7.0
GMV-48	3"	3.51	62	248	9.0
GMV-56	3-1/2"	4.01	56	224	10.0
GMV-64	4"	4.51	56	224	12.0

* Stem and clamp only, no Gates couplings available.

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Recommended For: Petroleum and water-base hydraulic fluids in suction lines or in low pressure return lines. Meets or exceeds requirements of SAE 100R4 (except 1" I.D.). Uses half the bend radius of SAE 100R4.

Tube: Black, synthetic rubber is specifically designed for resistance to high temperatures (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: Double spiral textile reinforced with a helical spiral-wire to prevent collapse.

Cover: Black synthetic rubber is oil and abrasion resistant (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

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

GL Couplings (Section J)

MegaCrimp® Couplings (Section G)

Use clamp over beaded nipple.



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
G4H-12	3/4"	1.17	300	1,200	2.5
G4H-16	1"	1.43	212	848	3.0
G4H-20	1-1/4"	1.68	200	800	4.0