

# M2T® MegaFlex® 2-Wire Braid Hose—SAE 100R16

High Pressure

(Meets Flame Resistance Acceptance Designation “MSHA 2G”, and ISO11237 2SC R16)

**Recommended For:** High-pressure hydraulic oil lines. Exceeds SAE 100R16 and ISO11237 2SC R16 requirements and performance requirements of EN 857 2SC. M2T hose has smaller exterior dimensions and significantly tighter bend radius.

**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 “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.)
M2T-04	1/4"	0.56	6,000	24,000	1.5
M2T-06	3/8"	0.70	5,000	20,000	2.0
M2T-08	1/2"	0.82	4,300	17,200	2.8
M2T-10	5/8"	0.95	3,800	15,200	3.0
M2T-12	3/4"	1.11	3,500	14,000	3.8
M2T-16	1"	1.39	2,500	10,000	4.5

High Pressure

# Global G2 2-Wire Braid Hose—SAE 100R2 Type AT

(Meets Flame Resistance Acceptance Designation “MSHA 2G”)

**Recommended For:** High-pressure hydraulic oil lines. Meets or exceeds the requirements of SAE 100R2, ISO1436 2SN R2 and EN 853 2SN.

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

**Reinforcement:** Two braids of high-tensile steel wire.

**Cover:** Black, oil and abrasion resistant, thin synthetic rubber (Modified Nitrile - Type C2). 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):**

- Field Attachable Type T Couplings (Section O)
- GSP Couplings (-24 and -32) (Section E)
- GlobalSpiral™ Couplings (Section E)
- MegaCrimp® Couplings (except -24 and -32) (Section G)
- 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.)
G2-04	1/4"	0.59	5,800	23,200	4.0
G2-06	3/8"	0.74	4,800	19,200	5.0
G2-08	1/2"	0.86	4,000	16,000	7.0
G2-10	5/8"	0.99	3,625	14,500	8.0
G2-12	3/4"	1.15	3,100	12,400	9.5
G2-16	1"	1.48	2,400	9,600	12.5
G2-20	1-1/4"	1.86	1,825	7,300	16.5
G2-24	1-1/2"	2.11	1,300	5,200	20.0
G2-32	2"	2.62	1,175	4,700	25.0