



Section 1

Hydraulic Hose

M2T MegaFlex® 2 Wire Braid Hose SAE 100R16

Meets Flame Resistance Acceptance Designation MSHA 2G and ISO 11237 2SC R16

Recommended For: High pressure hydraulic oil lines.

Standards: Exceeds SAE 100R16, SAE 100R2, ISO11237 2SC R16 and ISO 1436 2SN R2 requirements, and performance requirements of EN 857 2SC and EN 853 2SN.

M2T hose has smaller exterior dimensions and a significantly tighter bend radius.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C).

See *Characteristics Of Hose Stock Types*.

Reinforcement: Two braids of high-tensile steel wire.

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

See *Characteristics Of Hose Stock Types*.

Temperature Range: -40°F to +212°F (-40°C to +100°C).

For water emulsions see *Additional Temperature Limits For Gates Hydraulic Hose*.



Couplings Recommendation: (see *Southcott Crimp Data Book/Charts*)

Gates GlobalSpiral™ (GS) Couplings (-6 through -16)

Gates MegaCrimp® (G) Couplings (-4 through -16)

Child Super Crimp (S) Series Couplings (-4 through -16)

Child Ezi Crimp (E) Series Couplings (excluding -10 & -16)

Refer www.southcott.com.au for current crimp specifications

Hose Specifications

| Part Number | | | ⊖ | | | ⊕ | | ⊕ | | ⊕ | | ⊕ | | Length (m) |
|-------------|----------|----------|------|------|----|------|------|-------|-----|--------|-------|------|-----|------------|
| Standard | MegaTuff | XtraTuff | Dash | Inch | DN | Inch | mm | PSI | Bar | PSI | Bar | Inch | mm | Reel |
| 4M2T | -MTF | -XTF | 4 | 1/4 | 6 | 0.56 | 14.2 | 6,000 | 414 | 24,000 | 1,655 | 1.5 | 38 | 167 |
| 6M2T | -MTF | -XTF | 6 | 3/8 | 10 | 0.70 | 17.8 | 5,000 | 345 | 20,000 | 1,380 | 2.0 | 51 | 117 |
| 8M2T | -MTF | -XTF | 8 | 1/2 | 12 | 0.82 | 20.8 | 4,300 | 297 | 17,200 | 1,186 | 2.8 | 71 | 100 |
| 10M2T | -MTF | -XTF | 10 | 5/8 | 16 | 0.95 | 24.1 | 3,800 | 262 | 15,200 | 1,048 | 3.0 | 76 | 67 |
| 12M2T | -MTF | -XTF | 12 | 3/4 | 19 | 1.11 | 28.2 | 3,500 | 241 | 14,000 | 966 | 3.8 | 97 | 67 |
| 16M2T | -MTF | -XTF | 16 | 1 | 25 | 1.39 | 35.3 | 2,500 | 172 | 10,000 | 690 | 4.5 | 114 | 50 |

Additional Product

| Hose Type | Couplings and Ferrules | | | | | | Associated Protective Product | | | | | | |
|-----------|------------------------|-------------------------|----------|----------------|-------------------------|----------|-------------------------------|--------------|------------|------------|--------------------|------------|-------------------|
| | Gates | | | Child | | | Wire Spring Guard | Spiral Guard | Heat Guard | Tex-Sleeve | Shrink Band Clamps | Life Guard | Life Guard Collar |
| | 1 Piece Series | 2 Piece Series Coupling | Ferrule | 1 Piece Series | 2 Piece Series Coupling | Ferrule | | | | | | | |
| Standard | | | | | | | | | | | | | |
| MegaTuff | | | | | | | | | | | | | |
| XtraTuff | | | | | | | | | | | | | |
| 4M2T | 4G | - | - | E | S | FNP-03 | HSG-02 | SGX16 | HTG-14 | TEXS20 | SB22 | - | - |
| 6M2T | 6G | 6GS | 6GS1F-2 | E | S | FNM2P-06 | HSG-04 | SGX20 | HTG-16 | TEXS23 | SB25 | 16LG5K | 6SC4 |
| 8M2T | 8G | 8GS | 8GS1F-2 | E | S | FNM2P-08 | HSG-05 | SGX20 | HTG-18 | TEXS27 | SB25 | 20LG5K | 8SC4 |
| 10M2T | 10G | 10GS | 10GS1F-2 | - | S | FNM2P-10 | HSG-07 | SGX25 | HTG-22 | TEXS31 | SB29 | 22LG4K | 10SC4 |
| 12M2T | 12G | 12GS | 12GS1F-2 | E | S | FNM2P-12 | HSG-09 | SGX32 | HTG-26 | TEXS36 | SB34 | 26LG4K | 12SC4 |
| 16M2T | 16G | 16GS | 16GS1F-4 | - | - | - | HSG-11 | SGX40 | HTG-30 | TEXS47 | SB48 | 32LG3K | 16SC4 |