



# Section 1

## Hydraulic Hose

### MegaTech® II - SAE 100R2 Type AT - ACP

High Temp  
149°C

#### Fleet Applications

**Recommended For:** Multi purpose high pressure, high temperature air compressor lines, petroleum base or phosphate ester hydraulic fluid supply lines.

**Standards:** Meets the requirements of SAE J1405 performance specifications for high temperature transmission and lubrication oil systems using petroleum base oils. Meets or exceeds the requirements of SAE 100R2 and SAE 100R2 Type S.



**Tube:** Black, oil resistant, synthetic rubber (CPE - Type J).

See *Characteristics Of Hose Stock Types*.

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

**Cover:** Blue, oil- and abrasion-resistant polyester braid.

See *Characteristics Of Hose Stock Types*.

**Temperature Range:** -40°F to +300°F (-40°C to +149°C).

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

Gates GlobalSpiral™ Plus (GSP) Couplings (-24 and -32)

Gates MegaCrimp® (G) Couplings (-20 only)

Child Super Crimp (S) Series Couplings (-24 and -32)

Refer [www.southcott.com.au](http://www.southcott.com.au) for current crimp specifications

#### Hose Specifications

Part Number	⊖			⊕		⊙		⊙		⊙		Length (m)
	Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	
20MegaTech II	20	1-1/4	31	1.89	48.0	2,250	155	9,000	620	15.0	381	30
24MegaTech II	24	1-1/2	38	2.13	54.1	1,500	103	6,000	413	20.0	508	30
32MegaTech II	32	2	51	2.61	66.3	1,300	89	5,200	358	25.0	635	30

#### Additional Product

Hose Type	Couplings and Ferrules					Associated Protective Product				
	Standard	Gates		Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps
1 Piece Series		2 Piece Coupling	2 Piece Ferrule	2 Piece Series Coupling	2 Piece Series Ferrule					
20MegaTech II	20G	-	-	-	-	HSG-14	SGX50	HTG-36	TEXS60	SB60
24 MegaTech II	-	24GSP	24GSP1F-2	S	FNP-24	HSG-15	SGX63	HTG-44	TEXS73	SB67
32 MegaTech II	-	32GSP	32GSP1F-2	S	FNP-32	HSG-15A	SGX75	HTG-64	TEXS93	SB79