



Section 1

Hydraulic Hose

TH18 Constant Pressure Hydraulic Hose - SAE 100R18

Black Thermoplastic

Recommended For: Petroleum and synthetic hydraulic fluids. TH18 is ideal for industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes. Remains highly flexible in cold weather conditions.

Standards: Meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius.



Tube: Polyester elastomer.

See *Characteristics Of Hose Stock Types*.

Reinforcement: Synthetic fibre.

Cover: Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH18 cover is perforated for use in general hydraulic and pneumatic service.

See *Characteristics Of Hose Stock Types*.

Temperature Range: -67°F to +212°F (-55°C to +100°C) continuous service for petroleum and synthetic oils. Maximum of +158°F (+70°C) for water, water/oil emulsions and water glycol.

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

Gates MegaCrimp® (G) Couplings

Refer 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	
4TH18	4	1/4	6	0.48	12.2	3,000	207	12,000	828	1.4	36	76
5TH18	5	5/16	8	0.56	14.2	3,000	207	12,000	828	1.8	46	76
6TH18	6	3/8	10	0.65	16.5	3,000	207	12,000	828	1.8	46	76
8TH18	8	1/2	12	0.89	22.6	3,000	207	12,000	828	2.8	71	76
10TH18	10	5/8	16	1.03	26.2	3,000	207	12,000	828	3.9	99	76

Additional Product

Hose Type	Couplings and Ferrules	Associated Protective Product							
		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar	
Standard	Gates 1 Piece Series								
4TH18	4G	HSG-02	SGX16	HTG-14	TEXS20	SB19	14LG3K	6SC4	
5TH18	5G	HSG-02	SGX16	HTG-15	TEXS23	SB22	14LG3K	6SC4	
6TH18	6G	HSG-03	SGX16	HTG-16	TEXS25	SB25	16LG3K	6SC4	
8TH18	8G	HSG-06	SGX20	HTG-20	TEXS31	SB29	20LG3K	8SC4	
10TH18	10G	HSG-08	SGX25	HTG-22	TEXS36	SB34	22LG3K	10SC4	