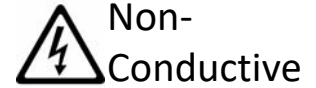


Section 1 Hydraulic Hose



TH18NC Constant Pressure Non-Conductive Hydraulic Hose - SAE 100R18



Orange Thermoplastic

Recommended For: Petroleum and synthetic hydraulic fluids. TH18NC non-conductive hose is suitable for use in high-voltage applications. Remains highly flexible in cold weather conditions.

Standards: Meets or exceeds performance requirements of SAE 100R18 with a significantly tighter bend radius. Meets SAE 100R18 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microAmperes when subjected to 75kV/ft for five minutes.



Tube: Polyester elastomer.

See *Characteristics Of Hose Stock Types*.

Reinforcement: Synthetic fibre.

Cover: Special orange urethane resists hydraulic fluids, high temperatures, aging and weathering. Orange TH18NC cover is non-perforated for applications requiring electrical non-conductivity.

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	
4TH18NC	4	1/4	6	0.48	12.2	3,000	207	12,000	828	1.4	36	76
5TH18NC	5	5/16	8	0.56	14.2	3,000	207	12,000	828	1.8	46	76
6TH18NC	6	3/8	10	0.65	16.5	3,000	207	12,000	828	1.8	46	76
8TH18NC	8	1/2	12	0.89	22.6	3,000	207	12,000	828	2.8	71	76
10TH18NC	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							
4TH18NC	4G	HSG-02	SGX16	HTG-14	TEXS20	SB19	14LG3K	6SC4
5TH18NC	5G	HSG-02	SGX16	HTG-15	TEXS23	SB22	14LG3K	6SC4
6TH18NC	6G	HSG-03	SGX16	HTG-16	TEXS25	SB25	16LG3K	6SC4
8TH18NC	8G	HSG-06	SGX20	HTG-20	TEXS31	SB29	20LG3K	8SC4
10TH18NC	10G	HSG-08	SGX25	HTG-22	TEXS36	SB34	22LG3K	10SC4