

Section 1 Hydraulic Hose



TH8NC Non-Conductive Hydraulic Hose SAE 100R8



Orange Thermoplastic

Recommended For: Petroleum, water base and synthetic hydraulic fluids.

Applications include: power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery. Multiline available.

Standards: Meets or exceeds performance requirements of SAE 100R8 with a significantly tighter bend radius. Meets SAE 100R8 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microAmperes when subjected to 75 kV/ft for five minutes.



Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol.

See *Characteristics Of Hose Stock Types*.

Reinforcement: Polyester.

Cover: Orange urethane resists hydraulic fluids, high temperatures, aging and weathering. TH8NC cover is non-perforated for applications requiring electrical non-conductivity.

See *Characteristics Of Hose Stock Types*.

Temperature Range: -65°F to +200°F (-54°C to +93°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 (-4 through -8)

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

Hose Specifications

Part Number	⊖			⊕		⊙		⊙		⊙		Length (m) Reel
	Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch	
4TH8NC	4	1/4	6	0.61	15.5	5,000	345	20,000	1,379	2.0	51	76
6TH8NC	6	3/8	10	0.75	19.0	4,000	276	16,000	1,103	2.5	64	76
8TH8NC	8	1/2	12	0.87	22.1	3,500	241	14,000	966	4.0	102	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							
4TH8NC	4G	HSG-02	SGX16	HTG-18	TEXS17	SB15	14LG5K	6SC4
6TH8NC	6G	HSG-04	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4
8TH8NC	8G	HSG-06	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4