



# Section 1

## Hydraulic Hose

### TH8 Hydraulic Hose - SAE 100R8

#### Black 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.



**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:** Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH8 cover is perforated for use in general hydraulic and pneumatic service.

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 -16)

Swage (PCTS) Couplings (-3 only)

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	
4TH8	4	1/4	6	0.61	15.5	5,000	345	20,000	1,379	2.0	51	76
6TH8	6	3/8	10	0.75	19.0	4,000	276	16,000	1,103	2.5	64	76
8TH8	8	1/2	12	0.87	22.1	3,500	241	14,000	966	4.0	102	76
12TH8	12	3/4	19	1.13	28.7	2,250	155	9,000	621	6.5	165	60
16TH8	16	1	25	1.45	36.8	2,000	138	8,000	552	10.0	254	60

#### 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								
4TH8	4G	HSG-02	SGX16	HTG-18	TEXS17	SB15	14LG5K	6SC4	
6TH8	6G	HSG-04	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4	
8TH8	8G	HSG-06	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4	
12TH8	12G	HSG-08	SGX25	HTG-30	TEXS40	SB34	26LG3K	12SC4	
16TH8	16G	HSG-11	SGX40	HTG-34	TEXS44	SB41	32LG3K	16SC4	