



Section 1

Hydraulic Hose

TH7 Hydraulic Hose - SAE 100R7

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.

Standards: Meets or exceeds performance requirements of SAE 100R7 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: Synthetic fibre.

Cover: Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH7 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 (-2 and -3 only)

Child Super Crimp (S) Series Couplings (-4, -6 and -8 only)

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	
2TH7	2	1/8	3	0.32	8.1	3,000	207	12,000	828	0.5	13	76
3TH7	3	3/16	5	0.41	10.4	3,000	207	12,000	828	0.8	20	76
4TH7	4	1/4	6	0.50	12.7	2,750	190	11,000	759	1.5	38	76
5TH7	5	5/16	8	0.56	14.2	2,500	172	10,000	689	2.3	57	76
6TH7	6	3/8	10	0.64	16.3	2,250	155	9,000	621	2.8	70	76
8TH7	8	1/2	12	0.80	20.3	2,000	138	8,000	552	3.8	95	76
12TH7	12	3/4	19	1.05	26.7	1,250	86	5,000	345	5.0	127	60
16TH7	16	1	25	1.32	33.6	1,000	69	4,000	276	10.0	254	60

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product						
	Gates	Child		Wire Spring Guard	Spiral Guard	Heat Guard	Tex-Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
Standard	1 Piece Series	2 Piece Series	Ferrule							
2TH7	2PCTS	-	-	HSG-01	SGX12	HTG-09	TEXS17	SB15	14LG5K	6SC4
3TH7	3PCTS	-	-	HSG-01	SGX16	HTG-11	TEXS17	SB15	14LG5K	6SC4
4TH7	4G	S	FSP-204	HSG-02	SGX16	HTG-13	TEXS17	SB15	14LG5K	6SC4
5TH7	5G	-	-	HSG-03	SGX16	HTG-14	TEXS20	SB22	14LG5K	6SC4
6TH7	6G	S	FSP-206A	HSG-03	SGX16	HTG-20	TEXS23	SB22	16LG4K	6SC4
8TH7	8G	S	FSP-208	HSG-05	SGX20	HTG-26	TEXS27	SB25	20LG4K	8SC4
12TH7	12G	-	-	HSG-08	SGX25	HTG-30	TEXS40	SB34	26LG3K	12SC4
16TH7	16G	-	-	HSG-11	SGX40	HTG-34	TEXS44	SB41	32LG3K	16SC4