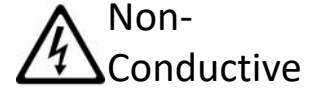


Section 1 Hydraulic Hose



TH7NCDL Non-Conductive Hydraulic Hose SAE 100R7



Orange Thermoplastic

Recommended For: Petroleum 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 SAE 100R7 non-conductivity requirements and meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius. Meets ANSI A92.2 for vehicle mounted aerial devices (-4 to -8).



Tube: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol (-2, -12 and -16), or Polyester (-3 through -8).

See *Characteristics Of Hose Stock Types*.

Reinforcement: Synthetic fibre (except -2).

Cover: Orange urethane resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NCDL 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 -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) Reel	
	Standard	Dash	Inch	DN	Inch	mm	PSI	Bar	PSI	Bar	Inch		mm
4TH7NCDL	4		1/4	6	0.50	12.7	2,750	190	11,000	759	1.5	38	76
6TH7NCDL	6		3/8	10	0.64	16.3	2,250	155	9,000	621	2.8	70	76
8TH7NCDL	8		1/2	12	0.80	20.3	2,000	138	8,000	552	3.8	95	76

Additional Product

HoseType	Couplings and Ferrules			Associated Protective Product				
	Standard	Gates 1 Piece Series	Child 2 Piece Series Coupling Ferrule	Heat Guard	Tex- Sleeve	Shrink Band Clamps	Life Guard	Life Guard Collar
4TH7NCDL								
6TH7NCDL	6G	S	FSP-206A	HTG-30	TEXS36	SB48	32LG3K	-
8TH7NCDL	8G	S	FSP-208	HTG-36	TEXS44	SB54	-	-