

Thermoplastic

TH7DL Dual Line Hydraulic Hose—SAE 100R7

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. TH7DL hose meets or exceeds performance requirements of SAE 100R7 with 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 Hose Stock Characteristics.

Reinforcement: Spiraled synthetic fiber.

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, aging and weathering. Black TH7DL is perforated for use in general hydraulic and pneumatic service.

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.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):

MegaCrimp® Couplings (Section G)



Description	Product No.	⊖	⊗	⌚	⌚	⌚ _{R2}	Weight (Lbs.)
4TH7DLXCTN	4472-0220	1/4	0.50	2,750	11,000	1.3	.15
5TH7DLXCTN	4472-0221	5/16	0.56	2,500	10,000	1.8	.19
6TH7DLXCTN	4472-0223	3/8	0.64	2,250	9,000	2.0	.21
8TH7DLXCTN	4472-0224	1/2	0.80	2,000	8,000	3.0	.32

Thermoplastic

TH7NCDL Non Conductive Dual Line Hydraulic Hose—SAE 100R7

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. Orange color TH7NCDL meets SAE 100R7 non-conductivity requirements and meets or exceeds performance requirements of SAE 100R7 with significantly tighter bend radius. Meets ANSI A92.2 for vehicle mounted aerial devices (-3 and -8).

Tube: Polyester.

Reinforcement: Braided synthetic fiber.

Cover: Orange urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NCDL is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage shall not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. (Orange is industry accepted color for non-conductive hose.)

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.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):

MegaCrimp® Couplings (Section G)



Description	Product No.	⊖	⊗	⌚	⌚	⌚ _{R2}	Weight (Lbs.)
4TH7NCDLXCTN	4472-0225	1/4	0.50	2,750	11,000	1.3	.16
6TH7NCDLXCTN	4472-0227	3/8	0.64	2,250	9,000	2.0	.22
8TH7NCDLXCTN	4472-0229	1/2	0.80	2,000	8,000	3.0	.32