

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. TH7 hose 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 Hose Stock Characteristics.

Reinforcement: Braided synthetic fiber (-2, -8, -12 and -16). Spiraled synthetic fiber (-3, -4, -5 and -6).

Cover: Black polyurethane that resists hydraulic fluids, high temperatures, aging and weathering. Black TH7 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)

Swage PCTS Couplings (-2 and -3) (Section N)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
TH7-02	1/8"	0.32	3,000	12,000	0.5
TH7-03	3/16"	0.41	3,000	12,000	0.8
TH7-04	1/4"	0.50	2,750	11,000	1.3
TH7-05	5/16"	0.56	2,500	10,000	1.8
TH7-06	3/8"	0.64	2,250	9,000	2.0
TH7-08	1/2"	0.80	2,000	8,000	3.0
TH7-12	3/4"	1.05	1,250	5,000	5.0
TH7-16	1"	1.32	1,000	4,000	10.0

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)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
TH7DL-04	1/4"	0.50	2,750	11,000	1.3
TH7DL-05	5/16"	0.56	2,500	10,000	1.8
TH7DL-06	3/8"	0.64	2,250	9,000	2.0
TH7DL-08	1/2"	0.80	2,000	8,000	3.0