

TH7NC Non Conductive Hydraulic Hose - SAE 100R7 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. Orange color TH7NC 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: -2, -12, and -16: 100% seamless Nylon - Type Z that easily handles a broad range of hydraulic fluids, including phosphate esters and water glycol; -3 through -8 Polyester. See Hose Stock Characteristics.

Reinforcement: Synthetic fiber (except -2).

Cover: Orange Urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NC 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 gates.com/ecrimp or Crimp Data Manual 35019)

MegaCrimp® Couplings (Section G)

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



Description	Product No.						Standard Pack	Weight (Lbs.)
3TH7NC X50FT	4467-1205	3/16	.41	3000	12000	.8	1	4.00
3TH7NCXCTN	4467-1167	3/16	.41	3000	12000	.8	250	.05
4TH7NC X50FT	4467-1170	1/4	.50	2750	11000	1.5	1	4.90
4TH7NCXCTN	4467-1169	1/4	.50	2750	11000	1.5	250	.07
5TH7NC X50FT	4467-1172	5/16	.56	2500	10000	2.25	1	6.20
5TH7NCXCTN	4467-1171	5/16	.56	2500	10000	2.25	250	.09
6TH7NC X50FT	4467-1174	3/8	.64	2250	9000	2.75	1	6.60
6TH7NCXCTN	4467-1173	3/8	.64	2250	9000	2.75	250	.11
8TH7NC X50FT	4467-1206	1/2	.80	2000	8000	3.75	40	12.25
8TH7NCXCTN	4467-1175	1/2	.80	2000	8000	3.75	250	.17
12TH7NC X50FT	4467-1200	3/4	1.05	1250	5000	5.0	20	13.60
12TH7NCXCTN	4467-1177	3/4	1.05	1250	5000	5.0	200	.22
16TH7NC X50FT	4467-1199	1	1.32	1000	4000	10.0	1	16.92
16TH7NCXCTN	4467-1198	1	1.32	1000	4000	10.0	200	.34

HOSE

HOSE/CPLG. SELECTION

G8K COUPLINGS

GLOBALSPIRAL COUPLINGS

PCM / PCS FERRULES

MEGACRIMP COUPLINGS

STAINLESS STEEL

POWER CRIMP COUPLINGS

LOC, GL AND GLP COUPLINGS

POLARSEAL COUPLINGS

POLARSEAL II COUPLINGS

C14 COUPLINGS

PCTS THERMOPLASTIC COUPLINGS

FIELD ATTACHABLE G1 & G2 COUPLINGS

FIELD ATTACHABLE C5 & C5E COUPLINGS

SURELOK AIR BRAKE COUPLINGS

ADAPTERS

QUICK DISCONNECT COUPLERS

LIVE SWIVEL

BALL VALVES

ACCESSORIES

EQUIPMENT AND PARTS