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.

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Coupling Recommendation (See gates.com/ecrimp or Crimp Data

4467-1200

4467-1177

4467-1199

4467-1198

8TH7NCXCTN

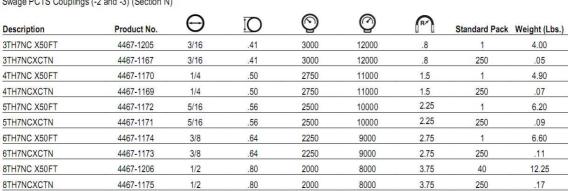
12TH7NC X50FT

12TH7NCXCTN

16TH7NC X50FT

16TH7NCXCTN

Manual 35019)
MegaCrimp® Couplings (Section G)
Swage PCTS Couplings (-2 and -3) (Section N)



1250

1250

1000

1000

5000

5000

4000

4000

5.0

5.0

10.0

10.0

1.05

1.05

1.32

1.32



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

13.60

.22

16.92

.34

20

200

200

B49 www.gates.com