

TH8 Hydraulic Hose - SAE 100R8 Thermoplastic

HOSE

HOSE/CPLG.
SELECTION

G8K COUPLINGS

GLOBAL SPIRAL
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

Recommended For: Use with 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. TH8 hose meets or exceeds performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

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: Polyester.

Cover: Black Urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH8 cover 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 gates.com/ecrimp or Crimp Data Manual 35019)

MegaCrimp® Couplings (-4 through -16) (Section G)
Swage PCTS Couplings (-3 only) (Section N)



Description	Product No.						Standard Pack	Weight (Lbs.)
3TH8XCTN	4467-1178	3/16	.50	5000	20000	1.5	250	.10
4TH8 X50FT	4467-1180	1/4	.61	5000	20000	2.0	1	7.80
4TH8XCTN	4467-1179	1/4	.61	5000	20000	2.0	250	.13
6TH8 X50FT	4467-1182	3/8	.75	4000	16000	2.5	1	10.40
6TH8XCTN	4467-1181	3/8	.75	4000	16000	2.5	250	.17
8TH8 X50FT	4467-1202	1/2	.87	3500	14000	4.0	1	11.20
8TH8XCTN	4467-1183	1/2	.87	3500	14000	4.0	250	.22
12TH8XCTN	4467-1184	3/4	1.13	2250	9000	6.5	200	.32
16TH8XCTN	4467-1185	1	1.45	2000	8000	10.0	200	.46

TH8NC Non Conductive Hydraulic Hose - SAE 100R8 Thermoplastic

Recommended For: Use with 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. TH8NC hose (orange cover) meets SAE 100R8 non-conductivity requirements. TH8NC hose meets or exceeds performance requirements of SAE 100R8 with a significantly tighter bend radius. Multiline available.

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: Polyester.

Cover: Orange Urethane resists hydraulic fluids, high temperatures, aging and weathering. TH8NC is non-perforated for applications requiring electrical non-conductivity. Meets SAE 100R8 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)



Description	Product No.						Standard Pack	Weight (Lbs.)
4TH8NC X50FT	4467-1187	1/4	.61	5000	20000	2.0	40	7.34
4TH8NCXCTN	4467-1186	1/4	.61	5000	20000	2.0	250	.12
6TH8NC X50FT	4467-1203	3/8	.75	4000	16000	2.5	1	9.20
6TH8NCXCTN	4467-1204	3/8	.75	4000	16000	2.5	250	.18
8TH8NC X50FT	4467-1190	1/2	.87	3500	14000	4.0	20	12.80
8TH8NCXCTN	4467-1189	1/2	.87	3500	14000	4.0	250	.21