

## C14CT Teflon® Hose—SAE 100R14 Type B—Conductive



**Recommended For:** Air compressor discharge, hot oil and fluids, hot and greasy environments.

**Cover/Reinforcement:** One braid of 300 Series stainless steel wire.

**Temperature Range:** Dynamic: -65°F to +400°F (-54°C to +204°C).










Static: -65°F to +450°F (-54°C to +232°C).

**C14CT Tube:** Type B-Conductive black/white smooth bore PTFE. See Hose Stock Characteristics.

**Coupling Recommendation (See Crimp Data Manual 35019):**

C14 Couplings



Description	Product No.						 72°F (22°C)	 72°F (22°C)	 450°F (232°C)	 450°F (232°C)	Packaging	Standard Pack
6C14CTXCTN*	7752-3600	5/16	0.45	1,500	8,000	4.0	2,500	10,000	1,500	6,000	L	300
8C14CTXCTN*	7752-3800	13/32	0.55	1,000	6,000	5.3	2,000	8,000	1,000	4,000	L	250

**NOTE: Electrostatic Discharge:** Many applications involving PTFE hose do not require a conductive tube. But you must review the potential for electrostatic discharge for every application and be aware that static electricity can be hazardous. In those cases where electrostatic discharge can occur, conductive PTFE hose with a conductive tube (Gates C14CT) is recommended. For more information on electrostatic discharge, refer to Technical Data Section.

\* Type B-Conductive Tube.

† Teflon® is a Registered Trademark of DuPont.

## Thermoplastic

## TH8 Hydraulic Hose—SAE 100R8

**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. TH8 and TH8NC hoses meet or exceed 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:** Two polyester braids.

**Cover:** Black or orange urethane resists hydraulic fluids, high temperatures, aging and weather. TH8NC (orange) is non-perforated for applications requiring electrical non-conductivity. TH8NC 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). Black 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 Crimp Data Manual 35019):**

MegaCrimp® Couplings (-4 through -16)

Swage PCTS Permanent Couplings (-3 only)



Description	Product No.	⌀	Wt. (lb/ft)	Min. Bend Radius (ft)	Min. Bend Radius (in)	72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)	Packaging	Standard Pack
3TH8XCTN	4467-1178	3/16	0.50	5,000	20,000	1.5	N	N	N	N	250
4TH8XCTN	4467-1179	1/4	0.61	5,000	20,000	2.0	N	N	N	N	250
6TH8XCTN	4467-1181	3/8	0.75	4,000	16,000	2.5	N	N	N	N	250
8TH8XCTN	4467-1183	1/2	0.87	3,500	14,000	4.0	N	N	N	N	250
12TH8XCTN	4467-1184	3/4	1.13	2,250	9,000	6.5	N	N	N	N	200
16TH8XCTN	4467-1185	1	1.45	2,000	8,000	10.0	N	N	N	N	200