

## C14 PTFE Hose—SAE 100R14 Type A—Nonconductive

**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).

**C14 Tube:** Type A-Nonconductive white, smooth bore Polytetrafluoroethylene (PTFE). See Hose Stock Characteristics.

**Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):**  
C14 Couplings (Section M)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)	72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)
C14-04	3/16"	0.31	1,500	6,000	2.0	3,000	12,000	1,500	6,000
C14-05	1/4"	0.38	1,500	6,000	3.0	3,000	12,000	1,500	6,000
C14-06	5/16"	0.45	1,500	6,000	4.0	2,500	10,000	1,500	6,000
C14-08	13/32"	0.55	1,000	4,000	5.3	2,000	8,000	1,000	4,000
C14-10	1/2"	0.65	800	3,200	6.5	1,500	6,000	800	3,200
C14-12	5/8"	0.79	800	3,200	7.8	1,200	4,800	800	2,600
C14-16	7/8"	1.03	800	3,500	9.0	1,000	4,000	800	2,000

**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.

## TH8 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. 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:** Two polyester braids.

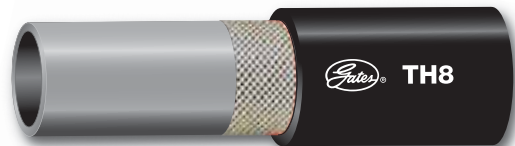
**Cover:** Black urethane resists hydraulic fluids, high temperatures, aging and weathering. Black TH8 cover is perforated for use in general hydraulic and pneumatic service.

**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 Crimp Data Manual 35019 or E-crimp):**

MegaCrimp® Couplings (-4 through -16) (Section G)

Swage PCTS Couplings (-3 only) (Section N)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
TH8-03	3/16"	0.50	5,000	20,000	1.5
TH8-04	1/4"	0.61	5,000	20,000	2.0
TH8-06	3/8"	0.75	4,000	16,000	2.5
TH8-08	1/2"	0.87	3,500	14,000	4.0
TH8-12	3/4"	1.13	2,250	9,000	6.5
TH8-16	1"	1.45	2,000	8,000	10.0