

TR500 High-Temp/Air Brake/Engine Hose

Recommended For: Air brake hose, high temperature pressurized oil return lines and rotary oil/air compressor lines, engine and transmission coolant lines and lube oil lines. Meets or exceeds DOT FMVSS 106-74, SAE J1402 for air brake hose (4, 6, 8, 10). Not recommended for gasoline or diesel fuel applications.

Tube: Black (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

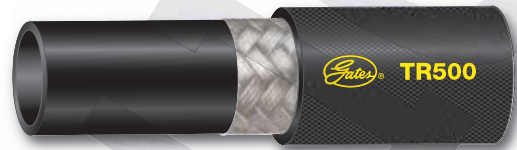
Cover: Oil and mildew resistant, textile braid, impregnated with synthetic rubber.

Temperature Range: -40°F to +250°F (-40°C to +121°C). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):

GLP Couplings (Section J)

MegaCrimp® Couplings (Section G)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
TR500-04	1/4"	0.51	500	2,000	1.0
TR500-06	3/8"	0.66	500	2,000	1.8
TR500-08	1/2"	0.80	500	2,000	2.3
TR500-10	5/8"	0.93	500	2,000	2.8
TR500-12	3/4"	1.04	500	2,000	3.5
TR500-16	1"	1.30	500	2,000	4.5

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.

Medium Pressure

G3H High-Temp 2-Fiber Braid Hose—SAE 100R3

Recommended For: Hydraulic oil lines, anti-freeze solutions or water. Meets or exceeds requirements of SAE 100R3.

Tube: Black, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

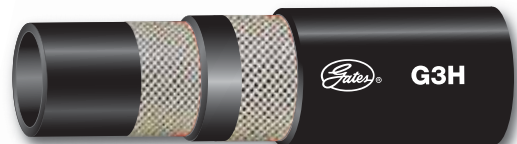
Reinforcement: Two fiber braids.

Cover: Black, oil and abrasion resistant, synthetic rubber (Neoprene - Type A). See Hose Stock Characteristics.

Temperature Range: For hydraulic oil lines -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):

MegaCrimp® Couplings (-4, -6, -8, -10) (Section G)



Order Code	Hose I.D. (In.)	Hose O.D. (In.)	Working Pressure (psi.)	Min. Burst Pressure (psi.)	Min. Bend Radius (In.)
G3H-04	1/4"	0.56	1,250	5,000	3.0
G3H-06	3/8"	0.75	1,125	4,500	4.0
G3H-08	1/2"	0.94	1,000	4,000	5.0
G3H-10	5/8"	1.10	900	3,600	5.5
G3H-12	3/4"	1.25	750	3,000	6.0
G3H-16	1"	1.50	565	2,260	8.0
G3H-20	1-1/4"	1.75	375	1,500	10.0
G3H-24	1-1/2"	1.94	300	1,200	12.0