

AUTOMOTIVE HOSE PRODUCTS



FUEL SYSTEMS HOSE

BARRICADE® FUEL INJECTION HOSE (MPI)

Low-permeation, premium hose for use on all fuel systems, including fuel injection (MPI). Approved for use with gasoline, diesel, bio-diesel including soybean methyl ester (SME), rapeseed methyl ester (RME), palm methyl ester (PME) per ASTM D6751, E-85, methanol, ethanol, ethanol extended gasoline, and gasohol fuels. Patented five-layer Greenshield® barrier technology keeps fuel out of the environment while delivering peak fuel efficiency.



- > Exceeds SAE J30R14T2 [except for kink resistance] as well as low-permeation requirements for carburetion.
- > Aramid reinforcement spiral braid for superior burst strength.
- > Thermoplastic barrier layer.
- > Oil, heat, ozone and abrasion resistant cover.
- > 225 psi working pressure rating.
- > Recommended for any fuel injection applications for superior service life.
- > Temperature rating: -40° C to 135° C continuous, up to 150°C intermittent.

Packaging:				Working	2' retail	15' length	25' length	250' reel
I.D. (in.)	I.D. (mm)	O.D. (in.)	O.D. (mm)	(psi)	Part No.	Part No.	Part No.	Part No.
1/4	6.3	1/2	12.7	225	27334	27347	27339	27344
5/16	8.0	9/16	14.3	225	27335	27348	27340	27345
3/8	9.5	5/8	15.9	225	27336	27349	27341	27346

BARRICADE® CARBURETION FUEL LINE HOSE

Low-permeation, premium hose for use on carbureted engines, PCV and EEC systems, and for fuel return hose on fuel injection systems. Not for use on the pressure-side of fuel injection systems. Approved for use with leaded and unleaded gasoline, diesel, bio-diesel, E-85, methanol, ethanol, and gasohol fuels. Patented five-layer Greenshield® barrier technology keeps fuel out of the environment while delivering peak fuel efficiency.



- > Meets SAE J30R14T1, EPA 40 CFR 1051.110, and carburetion. small engine off-road requirements for low permeation [except for kink resistance].
- > Textile spiral layer [two spiral].
- > Thermoplastic barrier layer.
- > Oil, heat, ozone and abrasion resistant cover.
- > Recommended for carbureted engines in cars, light trucks, off-road vehicles and small engines.
- > Temperature rating: -40° C to 125° C.

Note: Do not submerge in gasoline.

Caution: Do not use on pressure lines on fuel injection systems or cooling system applications. Use MPI (4219D) or Barricade Fuel Injection (4219BF) hose for Multi-Port Injection systems.

Packaging:				Working	2' retail	25' length	250' reel
I.D. (in.)	I.D. (mm)	O.D. (in.)	O.D. (mm)	(psi)	Part No.	Part No.	Part No.
3/16	4.8	13/32	10.3	50	27302	27312	27321
1/4	6.3	1/2	12.7	50	27303	27313	27323
5/16	8.0	9/16	14.3	50	27304	27314	27324
3/8	9.5	5/8	15.9	50	27305	27315	27325
1/2	12.7	25/32	19.8	35	27306	27316	27326

FUEL SYSTEMS HOSE

SUBMERSIBLE FUEL LINE HOSE

Ordinary fuel line hose is designed to handle fuel on the inside only. The Gates Submersible Fuel Line Hose exceeds the SAE 30R10 rating and is capable of handling gasoline, alcohol-extended gasoline or diesel fuel in fully immersed, mobile, stationary and marine applications.

- > Engineered for constant contact with gasoline [and other liquid petroleum distillates] on the inside and the outside.
- > Excellent for use on fuel pumps in the gas tank.
- > Meets the SAE 30R10 specification for submersible fuel line hose applications.
- > Fluoroelastomer [FKM] tubed cover resists gas permeation and retards aging.
- > Aramid Fiber reinforcement—the same fiber used in bulletproof vests and is pound-for-pound stronger than steel.
- > Maximum temperature rating: +150°C.



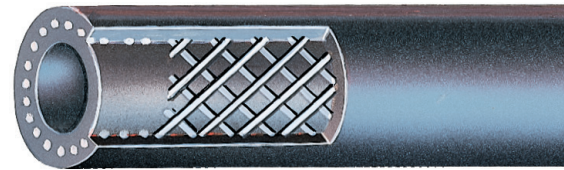
I.D. (in.)	Working Pressure (psi)	1-Ft Part No.	10-Ft Part No.	32.8-Ft Part No.
1/4	100	27086	27087	27083
5/16	100	27093	27080	27084
3/8	100	27097	27081	27089

SAFETY STRIPE® II RETURN FUEL LINE/PCV/EVAPORATIVE EMISSION

Control Hose [1986 & older]

Multi-purpose hose for use on return fuel lines, PCV and EEC systems, and for fuel return hose connections on diesel fuel injection systems. Approved for use with leaded and unleaded gasoline, diesel, methanol and ethers [up to the legal limits allowed by the EPA].

- > Spiral reinforced construction.
- > Nitrile tube.
- > NBR-PVC cover.
- > Oil resistant cover resists the effects of high heat and ozone found in engine compartments.
- > Meets SAE 30R6 and 30R7.
- > Vacuum rating of 24 In./Hg for sizes less than 1/2" I.D., and 10 In./Hg for sizes 1/2" to 3/4" I.D. at ambient temperatures.
- > Packaging: See table.
- > Temperature rating: -40°C to 125°C with gasoline blends



Caution: Do not use for pressure lines on fuel injected engines or for cooling system applications.

Use Barricade Fuel Injection hose for fuel injection applications.

Intended for use with fuels where MTBE concentrations are no greater than 15% by volume.

I.D. (in.)	I.D.(mm)	O.D. (in.)	O.D.(mm)	Work Press. (psi)	25 Foot Reel Part No.	25 Foot Box Part No.	250 Foot Reel Part No.
1/8	3.2	5/16	7.9	50	27000	—	27099
3/16	4.8	13/32	10.3	50	27001	—	27098
1/4	6.3	1/2	12.7	50	27002	—	27068
3/16	8.0	9/16	14.3	50	27003	—	27069
3/8	9.5	5/8	15.9	50	27004	—	27070
7/16	11.1	47/64	18.3	35	—	27005	27071
1/2	12.7	25/32	19.8	35	—	27006	27019
5/8	15.9	15/16	23.8	35	—	27008	27020
3/4	19.0	1 1/8	28.6	35	—	27010	27021

GATES AUSTRALIA PTY LTD

1-15 Hydrive Close, Dandenong South, Victoria, 3175

PH: +61 3 9797 9666 FAX: +61 3 9797 9600

gatesaustralia.com.au

