



Marine Hose

Barricade™
(Carbureted Engines)

(Specification 4219BG)

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.	Ⓛ	Suction	⊖	Min. Bend Radius	Ⓡ	Wt. Per Ft.	⚖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
3/16	4.8	.41	10.4	50	.345	24.0	609.6	2.17	55	.05	.03	550	X	4219-5520	\$2.52
1/4	6.4	.50	12.7	50	.345	24.0	609.6	2.56	65	.09	.04	550	X	4219-5521	2.63
5/16	7.9	.56	14.2	50	.345	24.0	609.6	2.95	75	.10	.05	550	X	4219-5522	2.95
3/8	9.5	.62	15.8	50	.345	24.0	609.6	3.35	85	.12	.05	550	X	4219-5523	3.29
1/2	12.7	.78	19.8	35	.241	10.0	254	4.72	120	.16	.07	550	25,000 ft.	4219-5524	4.88

RECOMMENDED FOR: Carbureted engines in cars, light trucks, off-road vehicles and small engines where a barrier fuel hose is required. Gasoline, Gasoline/Ethanol (E10, E15, E85), 100% Methanol only (Methanol blends not recommended). Diesel, Diesel/Bio-Diesel blends, 100% Bio-Diesel (SME, RME, and PME Bio-Diesels are acceptable).

TEMPERATURE: -40°F to +212°F (-40°C to +100°C) for bio-diesel use (up to B100).
-40°F to +257°F (-40°C to +125°C) continuous service (Does not apply for bio-diesel use).

CONSTRUCTION: **Tube:** Fuel resistant, synthetic rubber, black, with thermo plastic barrier.
Reinforcement: Spiral textile.
Cover: Synthetic rubber.
Design Factor: 5:1

COUPLINGS: 75 Gates GLX®, GLP, beaded end with clamp, aluminum crimp ferrules with GC stem, and SAEJ2044 quick-connect stems (barb must be suitable for rubber hose). Reference the Hose Coupling Section.

PACKAGING: All sizes packaged on exact 550' Reels. Maximum 4 pieces. Minimum length 30'.

BRANDING: Continuous ink brand. Example: "GATES® Barricade™ GreenShield™ FUEL HOSE 1/4 INCH (6.4mm) NOT FOR FUEL INJECTION SYSTEMS 50PSI WP CARB No. Q-09-019 4219BG SAE J30R14T1 EPA COMPLIANT 15 grams/m2/day BGTSPLINEBG1 CARB No. Q-09-019 SAE J30R14T1 MADE IN USA"

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet.
REMNANT LENGTHS: None.

STANDARDS: CARB small engine off-road (CARB certificate Q-09-019).
EPA Non-Road Fuel Lines (EPA Verify Family Name: BGTSPLINEBG1 for 2011, CGTSPLINEBG1 for 2012).
Meets SAEJ30R14T1.

ACID-CHEMICAL
AIR AND MULTI-PURPOSE
FOOD AND BEVERAGE
MARINE
MATERIAL HANDLING
MINING
OILFIELD
PETROLEUM TRANSFER
PRESSURE WASHER
STEAM
WATER
CLAMPS
COUPLINGS AND FERRULES
HOSE FINDER
CHEMICAL RESISTANCE TABLE





Marine Hose

Barricade™ (Fuel Injection)

(Specification 4219BF)

Nom. I.D.	⊖	Nom. O.D.	⊖	Max. W.P.	⚡	Suction	⊖	Min. Bend Radius	⤴	Wt. Per Ft.	⚖	Standard Pack	Stock (X) or Minimum Order Qty.	Gates Item No.	List Price Per Ft.
(In.)	(mm)	(In.)	(mm)	(psi)	(MPa)	(In. Hg)	(mm Hg)	(In.)	(mm)	(Lbs.)	(Kg)				
1/4	6.4	.50	12.7	225	1.55	24.0	609.6	2.5	65	.09	.04	550	X	4219-5651	\$3.82
5/16	7.9	.56	14.2	225	1.55	24.0	609.6	2.9	75	.10	.05	550	X	4219-5652	4.42
3/8	9.5	.62	15.8	225	1.55	24.0	609.6	3.3	85	.12	.05	550	X	4219-5653	5.01

RECOMMENDED FOR: Any fuel injected engine application (1985 and newer) in cars, light trucks, off-road vehicles and small engines where a barrier fuel hose is required. Gasoline, Gasoline/Ethanol (E10, E15, E85), 100% Methanol only (Methanol blends not recommended). Diesel, Diesel/Bio-Diesel blends, 100% Bio-Diesel (SME, RME, and PME Bio-Diesels are acceptable).

TEMPERATURE: -40°F to +275°F (-40°C to +135°C) continuous service (including bio-diesel).
-40°F to +302°F (-40°C to +150°C) intermittent service (excluding bio-diesel).

CONSTRUCTION: **Tube:** Fuel resistant, synthetic rubber, black, with thermo plastic barrier.
Reinforcement: Spiral textile.
Cover: Synthetic rubber.
Design Factor: 5:1

COUPLINGS: 75 Gates GLX®, GLP, beaded end with clamp, aluminum crimp ferrules with GC stem, and SAEJ2044 quick-connect stems (barb must be suitable for rubber hose). Reference the Hose Coupling Section.

PACKAGING: All sizes packaged on exact 550' Reels. Maximum 4 pieces. Minimum length 30'.

BRANDING: Continuous ink label. Example: "GATES® FUEL INJECTION HOSE 1/4 INCH (6.4mm) 225 PSI WP BARRICADE™ GreenShield™ Technology (MULTI-FUEL and BIO-FUEL COMPATIBLE) CARB No. Q-09-019 4219BF EPA COMPLIANT 15 grams/m²/day BGTSPLINEBF1 CARB No. Q-09-019 MADE IN USA".

SPECIAL ORDER REQUIREMENTS: Special production runs require minimum order quantities of 25,000 feet.

REMNANT LENGTHS: None.

STANDARDS: CARB small engine off-road (CARB certificate Q-09-019).
EPA Non-Road Fuel Lines (EPA Verify Family Name: GTSPLINEBF1)
Exceeds SAEJ30R14 (except kink) with SAE J30R12 burst.
Meets Gates GTS-05-067 high-pressure fuel line specification and Caterpillar CAT 1E4340 (Type A and B) diesel and bio-diesel specification.

ACID-CHEMICAL

AIR AND MULTI-PURPOSE

FOOD AND BEVERAGE

MARINE

MATERIAL HANDLING

MINING

OILFIELD

PETROLEUM TRANSFER

PRESSURE WASHER

STEAM

WATER

CLAMPS

COUPLINGS AND FERRULES

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