Marine Hose

(Barbureted Engines)

(Specification 4219BG)

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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 thermoplastic 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" "GATES® Barricade™ GreenShield™ MUL MULTI-PURPOSE 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.
## Marine Hose

### Barricade™ (Fuel Injection)

**(Specification 4219BF)**

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**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-05-087 high-pressure fuel line specification and Caterpillar CAT 1E4340 (Type A and B) diesel and bio-diesel specification.

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gates.com/industrialhose