

## 250 PSI AWWA C509 Gate Valve

The 250 PSI AWWA C509 gate valve is designed for potable water systems and fire protection applications. It features a ductile iron body and bonnet, bronze disc, and stainless steel stem for corrosion resistance.



### Product Overview

#### AWWA C509 Gate Valve

The 250 PSI AWWA C509 gate valve is engineered for demanding potable water systems and fire protection applications. Featuring a robust ductile iron body and bonnet construction, it is designed for both underground and above-ground installations. This valve adheres to strict AWWA C509 standards, ensuring reliable performance, durability, and a full port design that minimizes pressure loss.

### Technical Specifications

#### Pressure Rating

**250 PSI**  
Max Pressure

#### Sealing & Gaskets

- Resilient Wedge (EPDM ASTM D 2000)
- Stem Back Seat O-Ring (EPDM ASTM D 2000)
- Bonnet Gasket (EPDM ASTM D 2000)
- Stem Packing (EPDM ASTM D 2000)

#### Standards Compliance

AWWA C509, ASTM A 536, ASTM D 2000, ASTM B 584

### Materials of Construction

#### Component Materials

Component	Material
Valve Body	Ductile Iron ASTM A 536
Bonnet	Ductile Iron ASTM A 536
Wedge Nut	Bronze ASTM B 584 UNS C83600
Stem	Bronze ASTM B 150 UNS C61400
Handwheel	Ductile Iron ASTM A 536
Dowel Pin	Stainless Steel ASTM A 276 UNS S42000