

# Soft Sealing Plug Valve

This soft sealing plug valve is designed with AWWA c517 Standard. It features a spherical body and a cylindrical plug with a soft sealing material, ensuring tight shutoff and minimal leakage.



## Product Overview

### Industrial Soft Sealing Plug Valve

This robust plug valve features an eccentric structural design and a circular channel to provide excellent flow characteristics and energy efficiency. Engineered for durability, it utilizes a ductile iron body with internal and external epoxy resin coating for superior corrosion resistance. The valve ensures reliable, bi-directional sealing with a nitrile rubber-wrapped core and a self-adjusting U-shaped sealing ring, making it an ideal choice for petrochemical, water treatment, and power applications.

## Technical Specifications

Nominal Diameter Range	1/2 inch - 24 inch
Max Temperature	212 °F
Suitable Media	Water

## Performance Metrics

### Pressure Ratings

**175 psi**

1/2"-12" Pressure

**150 psi**

14"-24" Pressure

## Construction & Design

### Key Materials

- Ductile iron body, bonnet, and spool
- Nitrile rubber wrapped valve core
- Pure nickel valve seat surfacing
- Stainless steel embedded radial shaft sleeve

### Design Features

- Eccentric design for quick opening
- Open design valve body cover for maintenance
- Self-adjusting U-shaped sealing ring
- Bi-directional valve performance
- Epoxy resin anti-corrosion coating

## Compliance & Standards

Standards	AWWA C517, ANSI B16.1 Flange
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