

# SURE SEAL™

INCORPORATED  
PART OF OPW FLUID TRANSFER GROUP  
A DOVER™ COMPANY



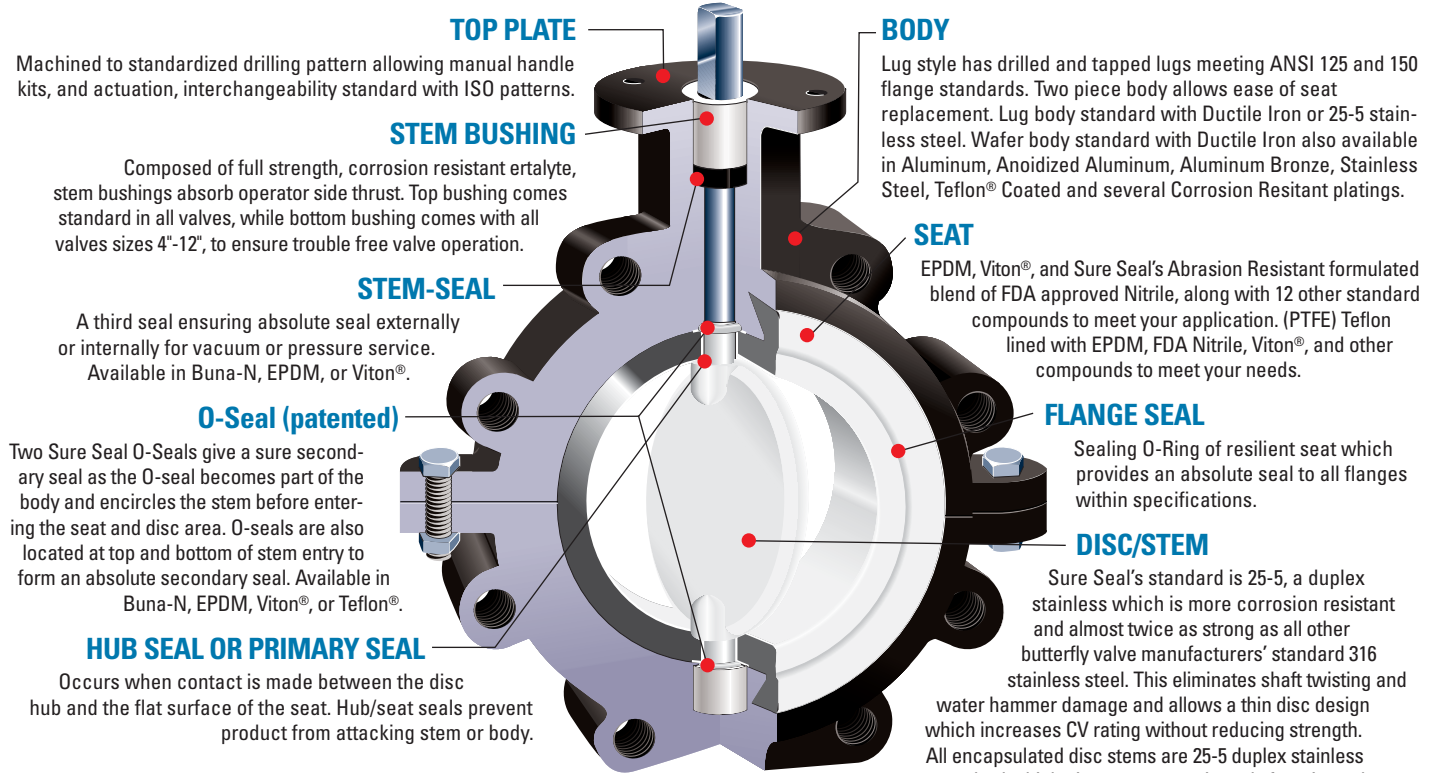
## Sure Seal Series 899-892 Butterfly Valves

Sure Seal Series Butterfly Valves offer superior service for demanding applications for the chemical and food processing industries. Sure Seal valves are designed and manufactured with the highest standards in the industry and are guaranteed to exceed your application expectations. Sure Seal, part of OPW Fluid Transfer Group, stands behind all of the industrial valve products sold and serviced.

# Sure Seal Series 899-892 (PATENTED)

A Superior Sanitary Valve for the Chemical and Food Processing Industry

Sizes 1"-24" 125/150 ANSI Interchangeable with Keystone Figure 999 and 992

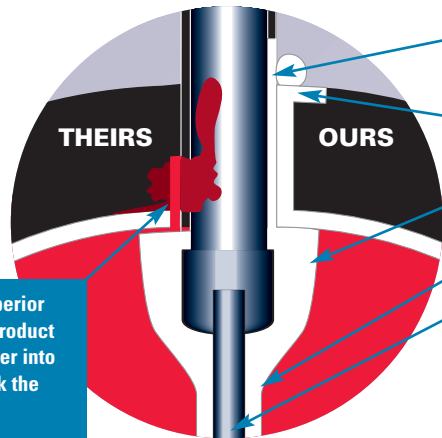


Patent #5207411. Every valve is tested to 110% of full pressure rating.

Viton® and Teflon® are registered trademarks of E. I. du Pont de Nemours and Company and are used under license by Sure Seal, Inc. Only DuPont makes Teflon®.



## The Difference Between Our Encapsulated Valve and Theirs

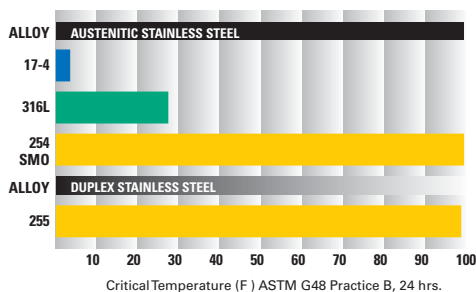


Without Sure Seal's Superior Encapsulated Design, Product and/or cleaners can enter into the stem hole and attack the seat and stem.

- 1 Teflon® Encapsulation extends through stem hole to Teflon® O-Seal top and bottom to assure positive seal to seat and patented O-Seal for total isolation of metal parts.
- 2 Teflon® lining extends through stem hole to Teflon® O-Seal for total isolation of rubber seat.
- 3 Total Teflon® and elastomer covering of disc for both chemical resistance and sanitary food processing.
- 4 Slim disc for maximum flow.
- 5 Sure Seal's one piece disc and stem is standard 25-5 stainless steel which is several times more corrosion resistant and stronger than other manufacturers 316 stainless steel.
- 6 Precision machined stems top and bottom to assure the proper seal and alignment to the ertalyte bushing with patented O-Seals for total secondary seal.

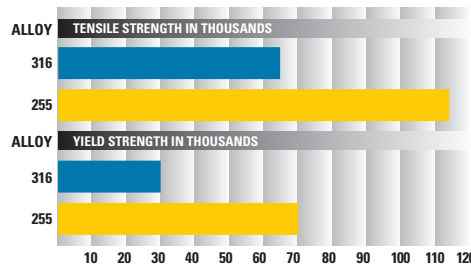
## Corrosion Resistance

ASTM - DISC STEM COMPARISON IN TEST OF FERRIC CHLORIDE



## Strength

ASTM - MINIMUM MECHANICAL PROPERTIES



The chemical and food processing industry needed a truly sanitary valve and with Sure Seal's patented O-Seals they got just that. As the O-Seal seals at the back side of the seat top and bottom and also at the stem entry top and bottom it forms an absolute seal making it the truly sanitary valve on the market today.



OPW Fluid Transfer Group (OPWFTG), part of Dover Corporation (NYSE:DOV), is comprised of market-leading operating companies, each dedicated to designing, manufacturing and distributing world-class solutions for the safe handling and transporting of hazardous bulk products. In addition to these companies, OPWFTG has manufacturing plants in North America, Europe, Brazil and India; and sales offices in Singapore, and China.

Throughout the world, OPWFTG companies are hard at work ensuring the safe processing, loading, transporting and unloading of hazardous bulk products and safeguarding against costly petroleum and chemical spills, tank overfills and fugitive vapor emissions. Whether your need is in the chemical plant, at the terminal loading rack, or outfitting a fleet of rail tank cars, cargo tanks or dry-bulk trailers, OPWFTG systems set the standard for safety, performance and peace-of-mind assurance in the most rigorous and demanding applications. If the safe, profitable handling of hazardous liquids and dry bulk commodities such as gasoline and diesel, chlorine, chlor-alkali products, LPG, acids, cement, flour and starch, among others, is your concern, trust OPWFTG.

### EXPERT SOLUTIONS FOR THE SAFE HANDLING & TRANSPORTING OF HAZARDOUS BULK PRODUCTS

	Applications	Processing	Load	Transporting		Unload
<b>PETROLEUM</b>	<ul style="list-style-type: none"> <li>Gasoline</li> <li>Ethanol</li> <li>Alcohols</li> <li>Fuel Oil</li> <li>LPG</li> <li>Diesel</li> <li>Biodiesel</li> </ul>	<ul style="list-style-type: none"> <li>Bellow Sealed Valves</li> <li>Sample Valves</li> <li>Lined Ball Valves</li> <li>Lined Butterfly Valves</li> <li>Industrial Valves</li> <li>ISO Rings</li> <li>Sight Flow Indicators</li> <li>Globe Valves</li> <li>Swivels</li> <li>Dry Disconnects</li> </ul>	<ul style="list-style-type: none"> <li>Loading Arms</li> <li>Couplers</li> <li>Rack Monitors</li> <li>Dry Disconnects</li> <li>API Coupler</li> <li>Swivels</li> </ul>	<b>Cargo Tanks</b> <ul style="list-style-type: none"> <li>Manholes</li> <li>Vapor Vents</li> <li>Electronics</li> <li>Internal Valves</li> <li>API Adaptors</li> <li>Sealed Parcel</li> <li>Pneumatic Controls</li> <li>Manifold Systems</li> </ul>	<b>Rail Tank Cars</b> <ul style="list-style-type: none"> <li>Pressure Relief Valves</li> <li>Plug Valves</li> <li>Ball Valves</li> <li>Level Measurement</li> <li>Autoloks</li> <li>Kamaloks</li> <li>Dryloks</li> <li>Rupture Disc Devices</li> <li>Angle Valves</li> </ul>	<ul style="list-style-type: none"> <li>Drylok Couplers</li> <li>Adaptors</li> <li>Delivery Elbows</li> <li>Vapor Recovery Elbows</li> <li>Swivels</li> </ul>
<b>CHEMICALS</b>	<ul style="list-style-type: none"> <li>Chlorine</li> <li>Acids &amp; Bases</li> <li>Amines</li> <li>Anhydrous Ammonia</li> <li>Propylene</li> <li>Butadiene</li> <li>Hazardous Liquids</li> </ul>	<ul style="list-style-type: none"> <li>Bellow Sealed Valves</li> <li>Sample Valves</li> <li>Lined Ball Valves</li> <li>Lined Butterfly Valves</li> <li>Industrial Valves</li> <li>ISO Rings</li> <li>Sight Flow Indicators</li> <li>Globe Valves</li> <li>Swivels</li> <li>Dry Disconnects</li> <li>Quick Disconnects</li> <li>Epsilon</li> </ul>	<ul style="list-style-type: none"> <li>Loading Arms</li> <li>Autoloks</li> <li>Kamaloks</li> <li>Dryloks</li> <li>Loading Manholes</li> <li>Valves</li> <li>Actuators</li> <li>Swivels</li> <li>Epsilon</li> </ul>	<b>Cargo Tanks</b> <ul style="list-style-type: none"> <li>Manholes</li> <li>Vapor Vents</li> <li>Electronics</li> <li>Internal Valves</li> <li>Sealed Parcel</li> <li>Epsilon</li> </ul>	<b>Rail Tank Cars</b> <ul style="list-style-type: none"> <li>Safety Valves</li> <li>Plug Valves</li> <li>Ball Valves</li> <li>Level Measurement</li> <li>Autoloks</li> <li>Kamaloks</li> <li>Dryloks</li> <li>Rupture Disc Devices</li> <li>Angle Valves</li> <li>Epsilon</li> </ul>	<ul style="list-style-type: none"> <li>Loading Arms</li> <li>Autoloks</li> <li>Kamaloks</li> <li>Dryloks</li> <li>Valves</li> <li>Actuators</li> <li>Safety Breakaways</li> <li>Swivels</li> <li>Epsilon</li> </ul>
<b>DRY BULK</b>	<ul style="list-style-type: none"> <li>Cement</li> <li>Flour/Starch</li> <li>Pharmaceuticals</li> </ul>	<ul style="list-style-type: none"> <li>Industrial Valves</li> <li>Sight Flow Indicators</li> <li>Butterfly Valves</li> <li>Swivels</li> </ul>	<ul style="list-style-type: none"> <li>Loading Arms</li> <li>Aerators</li> <li>Hatch Covers</li> <li>Swivels</li> </ul>	<b>Cargo Tanks</b> <ul style="list-style-type: none"> <li>Manholes</li> <li>Check Valves</li> <li>Hopper Tees</li> <li>Butterfly Valves</li> <li>Aerators</li> <li>Weld Rings</li> </ul>	<b>Rail Cars</b> <ul style="list-style-type: none"> <li>Manholes</li> <li>Hatches</li> <li>Access Ports</li> <li>Check Valves</li> <li>Hopper Tees</li> <li>Butterfly Valves</li> <li>Aerators</li> <li>Pressure Vacuum Valves</li> </ul>	<ul style="list-style-type: none"> <li>Aerators</li> <li>Butterfly Valves</li> <li>Tank Hatches</li> <li>Pressure Relief</li> <li>Vacuum Relief</li> <li>Temperature Monitoring</li> </ul>
<b>INDUSTRIAL/GENERAL</b>	<ul style="list-style-type: none"> <li>Food Processing</li> <li>Pharmaceuticals</li> <li>Waste Water</li> <li>High-Purity Liquids</li> <li>Breweries</li> <li>Pulp and Paper</li> <li>Steel Processing</li> </ul>	<ul style="list-style-type: none"> <li>Lined Ball Valves</li> <li>Lined Butterfly Valves</li> <li>Sample Systems</li> <li>Sight Flow Indicators</li> <li>ISO Rings</li> <li>Dry Disconnects</li> <li>Swivels</li> <li>Quick Disconnects</li> <li>High-Performance Butterfly Valves</li> <li>Epsilon</li> </ul>	<ul style="list-style-type: none"> <li>Loading Arms</li> <li>Couplers</li> <li>Rack Monitors</li> <li>Swivels</li> <li>Dry Disconnects</li> <li>Quick Disconnects</li> <li>Butterfly Valves</li> <li>Epsilon</li> </ul>	<b>Cargo Tanks</b> <ul style="list-style-type: none"> <li>Manholes</li> <li>Vapor Vents</li> <li>Electronics</li> <li>Weld Rings</li> <li>Hopper Tees</li> <li>Pneumatic Controls</li> <li>Sealed Parcel</li> <li>Dry Disconnects</li> <li>Epsilon</li> </ul>	<b>Rail Tank Cars</b> <ul style="list-style-type: none"> <li>Safety Valves</li> <li>Plug Valves</li> <li>Ball Valves</li> <li>Level Measurement</li> <li>Autoloks</li> <li>Kamaloks</li> <li>Dryloks</li> <li>Rupture Disc Devices</li> <li>Angle Valves</li> <li>Epsilon</li> </ul>	<ul style="list-style-type: none"> <li>Loading Arms</li> <li>Couplers</li> <li>Rack Monitors</li> <li>Swivels</li> <li>Dry Disconnects</li> <li>Quick Disconnects</li> <li>Butterfly Valves</li> <li>Epsilon</li> </ul>

#### Chemical & Industrial Processing Market Unit

- Food Processing
- Chemical Plants
- Petroleum Loading Stations
- Steel Processing, Pulp & Paper
- Waste Water Treatment
- Pharmaceutical
- Breweries
- High-Purity Liquids
- Ethanol Processing
- Biodiesel Processing

#### Rail Market Unit

- Pressure & General Purpose Rail Tank Cars
- Dry Bulk Rail Cars
- Ethanol Rail Tank Cars
- Diesel
- Biodiesel

#### Cargo Tank Market Unit

- Gasoline & Diesel
- Dry Bulk
- Ethanol
- Biodiesel



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