



RISING STAR OF THE VALVE INDUSTRY



RISING STAR
OF THE VALVE
INDUSTRY

Starvalve provides industrial valves and actuators for high chemical corrosive / aggressive fluids and other fluids.

Our main products that pneumatic actuated, electrical actuated and manual controlled; butterfly valves, ball valves, diaphragm valves, knife gate valves, pinch valves, thermoplastic and PTFE/ PFA lined pipe & fittings use as successfully in chemical and petro-chemical plants, Chlorine-Alkali Plants, Iron&Steel Industries, Copper Electrolysis Plants, Aluminum Anodising Plants, Fertilizer Plants, Water and Wastewater Treatment Plants, Coating Plants, Mining Industries and Ship Building Industries.





PFA / PTFE
(TEFLON) LINED
PRODUCTS

SV350 SERIES

PTFE (TEFLON) LINED BUTTERFLY VALVES

TECHNICAL ADVANTAGES

- DN50 – DN1600 sizes,
- Provide high corrosion resistance, especially Hydrochloric acid, nitric acid, hydrochloric acid, liquid chlorine, sulfuric acid etc,
- Wafer type, lug type and double flanges body options,
- With steel cast body more rigid opportunity to work,
- Min. 3 mm PTFE (Teflon) lined on stainless steel disc,
- With widely seat pressing surface, better tightness and easily mounting,
- With two piece body design, easily maintenance,
- 100% tightness testing before shipment,
- 100% tightness test before shipment



MATERIAL OPTIONS

- Body; WCB Carbon Steel, AISI 304 Stainless Steel, AISI 316 Stainless steel
- Disc; AISI316 Stainless Steel or Min. 3mm PTFE (Teflon) coated AISI 304 Stainless steel,

CONTROL OPTIONS

- Gear box or with lever handle control
- ISO 5211 Top Flange,
- On / Off or Proportional Control, Single or Double Acting Pneumatic Actuator,
- On / Off or Proportional Control, 24V DC, 24V AC, 220V AC, 110V AC Electric Actuator,

APPLICATION AREA

- Applications in the chemical and petrochemical,
- Chlor-Alkali Plant
- Hydrochloric / sulfuric acid and so on. in corrosive applications,
- Fertilizer Factory,
- Mining Industry,
- Sugar Process,
- Ship Industry

SV450 SERIES

TECHNICAL ADVANTAGES

- DN50 – DN300 sizes,
- Provide high corrosion resistance, especially Hydrochloric acid, nitric acid, hydrochloric acid, liquid chlorine, sulfuric acid etc,
- With steel cast body more rigid opportunity to work,
 - 3mm PFA (Teflon) lined,
- 100% tightness testing before shipment,
 - 100% tightness test before shipment

PFA (TEFLON) LINED DIAPHRAGM VALVES



MATERIAL OPTIONS

- Body: WCB Carbon Steel, AISI 304 Stainless Steel, AISI 316 Stainless steel
- Lining: PFA, FEP, POM
- Diaphragm: PFA, and FEP

CONTROL OPTIONS

- Manuel Handwheel,
- On / Off and Proportional Control, Single or Double Acting Pneumatic Actuator

APPLICATION AREA

- Applications in the chemical and petrochemical,
- Chlor-Alkali Plant
- Hydrochloric / sulfuric acid and so on. in corrosive applications,
- Fertilizer Factory,
- Mining Industry,
- Sugar Process,
- Ship Industry

SV450 SERIES

PFA (TEFLON) LINED PLUG VALVES

TECHNICAL ADVANTAGES

- DN50 – DN300 sizes,
- Provide high corrosion resistance, especially Hydrochloric acid, nitric acid, hydrochloric acid, liquid chlorine, sulfuric acid etc.,
- With steel cast body more rigid opportunity to work,
- 3mm PFA (Teflon) lined,
- 100% tightness testing before shipment,
- 100% tightness test before shipment



MATERIAL OPTIONS

- Body: WCB Carbon Steel, AISI 304 Stainless Steel, AISI 316 Stainless steel
- Lining: Min.3mm PFA, FEP, POM
- Plug; min.3mm Lined Carbon Steel, AISI304 Stainless Steel, AISI316 Stainless Steel

CONTROL OPTIONS

- Gear box or with lever handle manual control,
- ISO5211 Direct actuator mounting mount pad,
- On / Off and Proportional Control, Single or Double Acting Pneumatic Actuator,
- On / Off or Proportional Control, 24V DC, 24V AC, 220V AC, 110V AC Electric Actuator,

APPLICATION AREA

- Applications in the chemical and petrochemical,
- Chlor-Alkali Plant in,
- Hydrochloric / sulfuric acid and so on. in corrosive applications,
- Fertilizer Factory,
- Mining Industry,
- Sugar Process,
- Ship Industry,

SV250 SERIES

TECHNICAL ADVANTAGES

- DN15 - DN350 sizes,
- Provide high corrosion resistance, especially Hydrochloric acid, nitric acid, hydrochloric acid, liquid chlorine, sulfuric acid etc,
 - Min. 3mm PFA (Teflon) lined,
 - Carbon steel or stainless steel body material options,
 - Friction and wear-resistant PTFE (Teflon) ball seals,
- 100% tightness testing before shipment,
 - 100% tightness test before shipment

PFA (TEFLON) LINED BALL VALVES



MATERIAL OPTIONS

- Gövde; WCB Carbon Steel, AISI304 Stainless Steel, AISI316 Stainless Steel
- Lining; PFA, FEP, PO

CONNECTION TYPE

- Gear box or Lever handle control
- ISO 5211 Top Flange,
- On / Off or Proportional Control, Single or Double Acting Pneumatic Actuator,
- On / Off or Proportional Control, 24V DC, 24V AC, 220V AC, 110V AC Electric Actuator

APPLICATION AREA

- Applications in the chemical and petrochemical,
- Chlor-Alkali Plant in,
- Hydrochloric / sulfuric acid and so on. in corrosive applications,
- Fertilizer Factory,
- Mining Industry,
- Sugar Process,
- Ship Industry,

SV910 SERIES

PTFE (TEFLON) EXPANSION JOINT

TECHNICAL ADVANTAGES

- DN25 – DN600 sizes,
- Provide high corrosion resistance, especially Hydrochloric acid, nitric acid, hydrochloric acid, liquid chlorine, sulfuric acid etc,
- With steel cast body more rigid opportunity to work,
- Min. 3 mm PTFE (Teflon) lined on stainless steel disc,
- With widely seat pressing surface, better tightness and easily mounting,
- With two piece body design, easily maintenance,
- 100% tightness testing before shipment,
- 100% tightness test before shipment



MATERIAL OPTIONS

- Flange: A105 Carbon Steel, AISI 304 Stainless Steel, AISI 316 Stainless steel, AISI316L Stainless Steel
- Bellows; Min. 3mm PTFE (Teflon)

CONNECTION TYPE

Flanged

APPLICATION AREA

- Applications in the chemical and petrochemical,
- Chlor-Alkali Plant in,
- Hydrochloric / sulfuric acid and so on. in corrosive applications,
- Fertilizer Factory,
- Mining Industry,
- Sugar Process,
- Ship Industry,

SV930 SERIES

TECHNICAL ADVANTAGES

- DN25 - DN300 size options,
- Pipe length; $L \leq 6.000\text{mm}$, Dimension $\leq \text{DN}150$
 - $L \leq 4.000\text{mm}$, Measuring $> \text{DN}150$
- Strong acids, alkalis, organic solvents, flammable and toxic fluid resistant,
 - 200°C max working temperature,
 - 16 bar Max working pressure,
 - DIN, ANSI, JIS Norms,

PTFE/PFA LINED PIPE AND FITTINGS



GLOBAL CONNECT

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