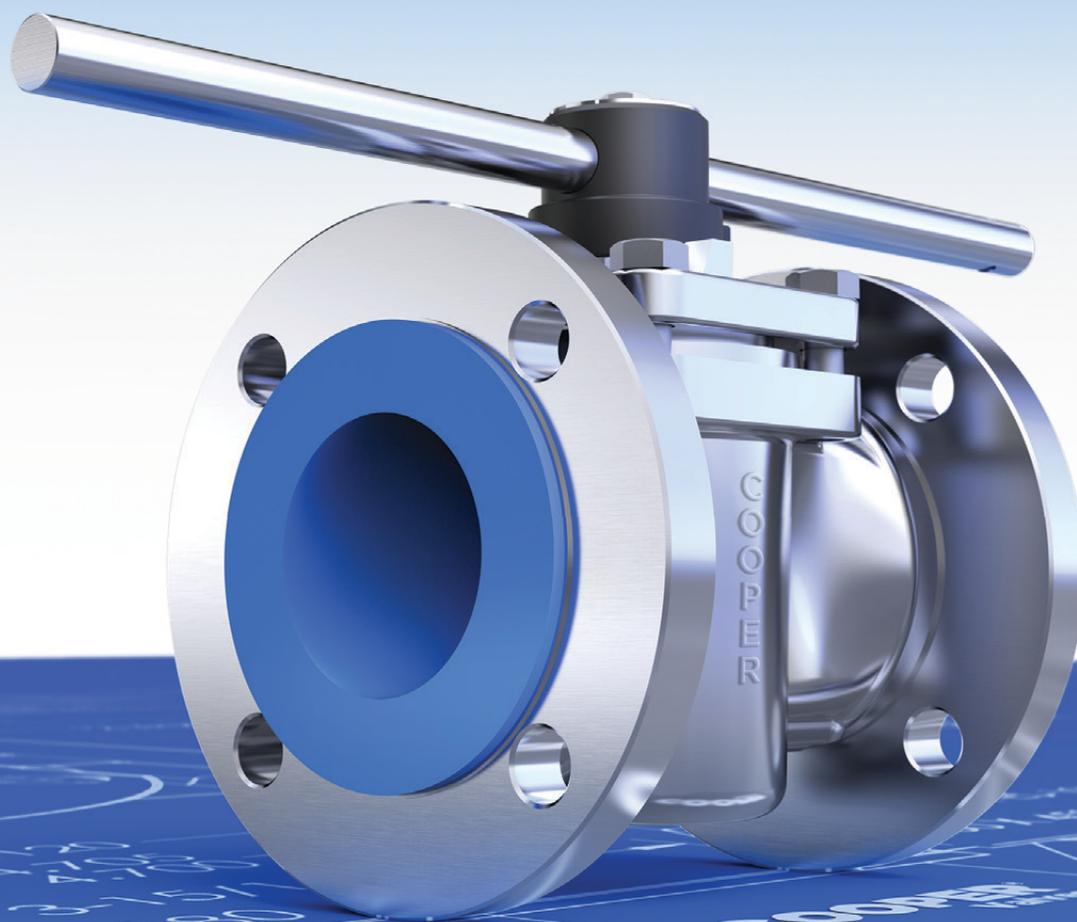




Smart Solutions. Powerful Products.

SLEEVELINE® PLUG VALVE
NON-LUBRICATED PLUG VALVES FOR CHEMICAL SERVICE



Sleeveline® Plug Valve

1. **Wrench:** Description Goes Here
2. **Hub Bolt:** Description Goes Here
3. **Hub:** Description Goes Here
4. **???:** Description Goes Here
5. **???:** Description Goes Here
6. **???:** Description Goes Here
7. **???:** Description Goes Here
8. **???:** Description Goes Here
9. **O-Ring:** Description Goes Here

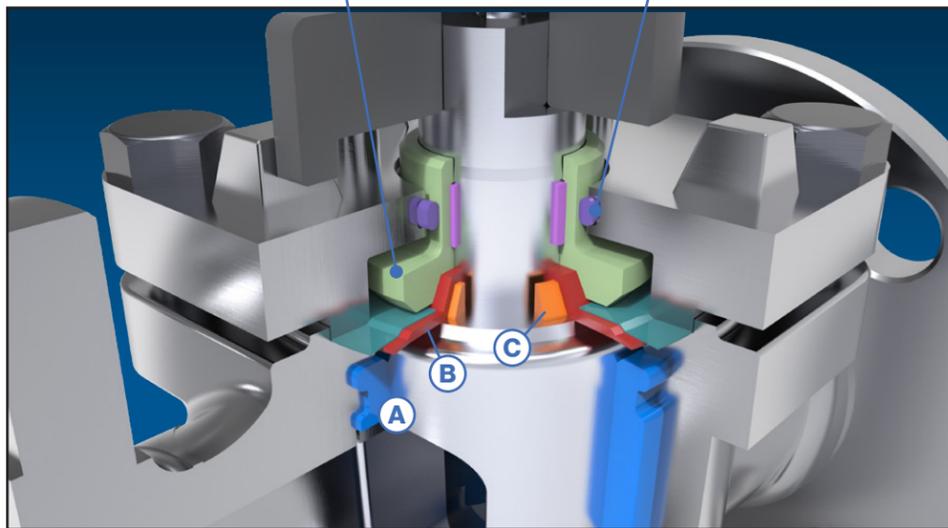
10. **Thrust Collar:** Description Goes Here
11. **Packing:** Description Goes Here
12. **Metal Diaphragm:** Description Goes Here
13. **PTFE Diaphragm:** Description Goes Here
14. **Plug:** Description Goes Here
15. **Cover:** Description Goes Here
16. **Sleeve:** Description Goes Here
17. **Body:** Description Goes Here

THE ANTISTATIC THRUST COLLAR

3-Point standard thrust collar holds the stem tightly and pushes the diaphragm with defined pressure. Hold the stem tightly and removes any static electricity built up inside the valve.

WEATHER PROOF TYPE

Weather proof o-ring will prevent any penetration of rain or fluid from the outside of the valve and therefore no oxidation occurs at the inside of the valve.



A. THE PRIMARY SEAL

The primary external seal is around the top of the plug. PTFE sleeve provides zero leakage sealing as primary for positive shutoff and semi permanent service life.

B. THE SECONDARY SEAL

The specially designed lip structure of the teflon diaphragm will hold the stem more tightly with any leaked gas or fluid from the top of the plug.

C. THE TERTIARY SEAL

RTFE Teflon wedge ring and plug fit tightly.



Special Features

> Design more economical, flexible, and compact fluid handling systems.

Bi-directional flow, simple actuation, light weight, compact design, and multi-port configurations all facilitated by an improved system design.

> Superior, Longer-lasting in-Line Sealing

The PTFE sleeve completely surrounds the plug. The sleeve provides a large, circumferential sealing surface from port to port. Open, closed, or rotating, the seal is assured. No ball or gate valve can match this sealing power.



> Secure sealing with no cold-flow, deformation blow-out, or rotating of the sleeve

The sleeve is securely/safely nestled in the valve body. High-pressure ribs, top and bottom retention, and 360 degree port lips all assure sleeve containment.

> No seizing. No sticking

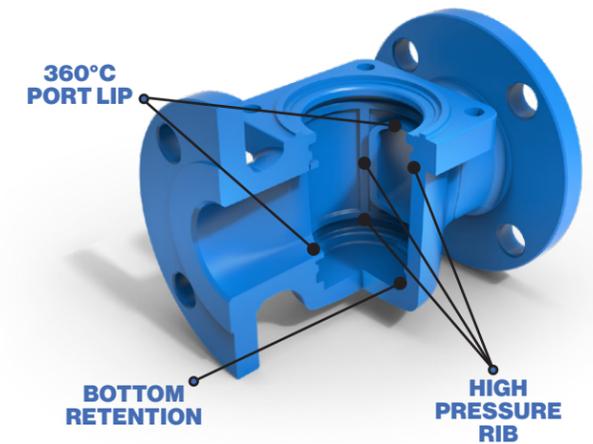
As the plug rotates, the 360 degree lips provide a self cleaning action to remove scaling and adhering media.

> No cavities. No contamination.

There are no body cavities where flow media can accumulate and contaminate future processing. The cavity-free design also prevents sticking.

> No need of maintenance and repair

Having no extra space, there is no worry that moving materials might clog up inside the pipe. The seal pressure made by the abrasion of the Teflon sleeve is recontrolled by the cover of ADJ. Bolt for semi-permanent sealing. Inside the body of the port is a metal lip with self-cleaning function which can control all sticky and solid materials. Top entry type allowing maintenance in on-line status possible. Valve which doesn't need much maintenance.



POPULAR MATERIALS

Common Name	Castings	
	ASTM	UNS
304L	A351CF3	J92700
316	A351CF8M	J92900

> With ZERO leakage, this valve is perfect for:

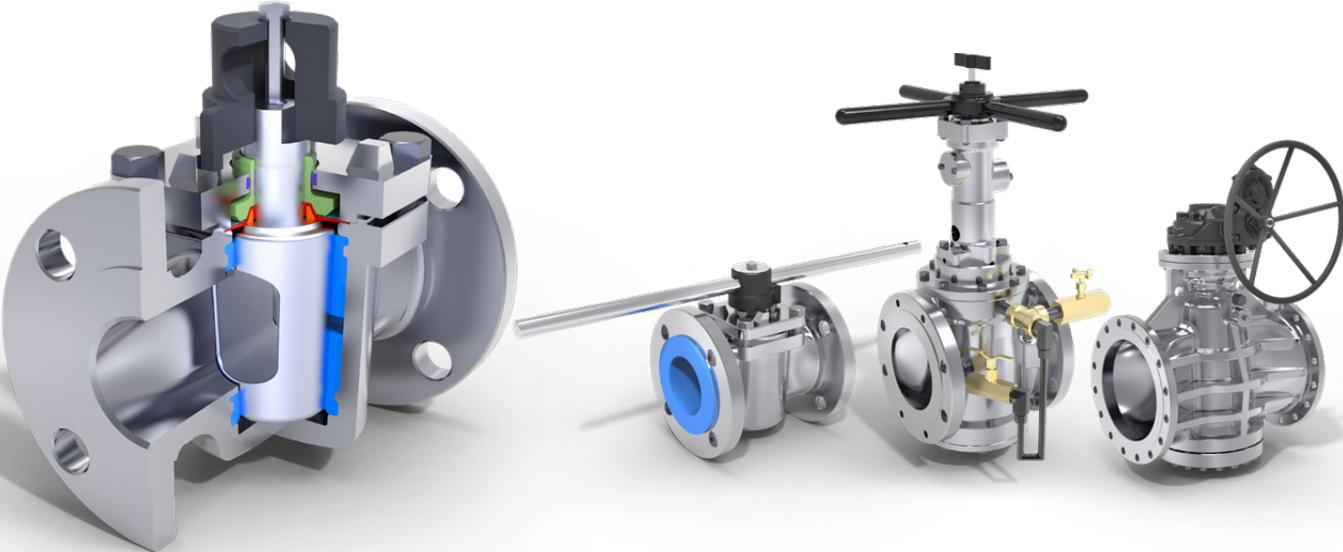
Petrochemicals, standard chemicals, fine chemicals, agrichemicals, fatty maintenance, fatty acids, pharmaceuticals, detergents, pulp, and paper.

> With ZERO cavities, this valve is perfect for:

Foods, beverages, sewage, pollution, electrical components, molten metals, cokes, residual products, and paint.



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