

Maximize pipeline pump uptime and mechanical seal performance with a low maintenance seal flush filter system

In the pipeline industry, the reliability and life of mechanical seals are critical to maximizing equipment availability and minimizing maintenance. To ensure optimal seal performance, it is essential that the flush fluid is both clean and cool.

The Pipeline Filter Series delivers a constant supply of clean, cool flush fluid. Our standardized design offers quick delivery and competitive pricing, making it an ideal solution for new installations, retrofits, or seal upgrades.

See page 2 to configure a Pipeline Filter.

Industries

- Mid-stream
- Pipeline
- Oil and gas

Customer benefits

- **Simple to order:** Pre-engineered for quick quoting
- **Fast shipment:** Stocked parts for reduced lead times
- **High pressure:** Up to 207 bar (3,000 psi)
- **Easy maintenance:** Replacement filters in stock
- **Robust construction:** Bolted flange housing

Materials of construction

- **Wetted metals** 316 stainless steel
- **Other metals** 304 stainless steel
- **Elastomers** Low temperature nitrile

Design specifications

- **MAWP** Up to 207 bar (3,000 psi)
- **MAWT** 82.2°C (180°F)
- **Filter elements** 1-20 micron
- **Certification options** CRN, U-stamp, PED
- **Customer connections** Tubing, class 600 flange, class 1500 flange
- **Orifice options** Up to 6.35 mm (0.250 in.)



Pipeline Filter
PLF20T210

Contact us

Learn more about the Pipeline Filter Series and how Flowserve can exceed your expectations. [Flowserve.com/contact-us](https://www.flowserve.com/contact-us)

Configuration code

Example:

PLF40A430

PLF	4	0	A	4	3	0
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Filter element options	
1	1 micron
2	5 micron
3	10 micron
4	20 micron

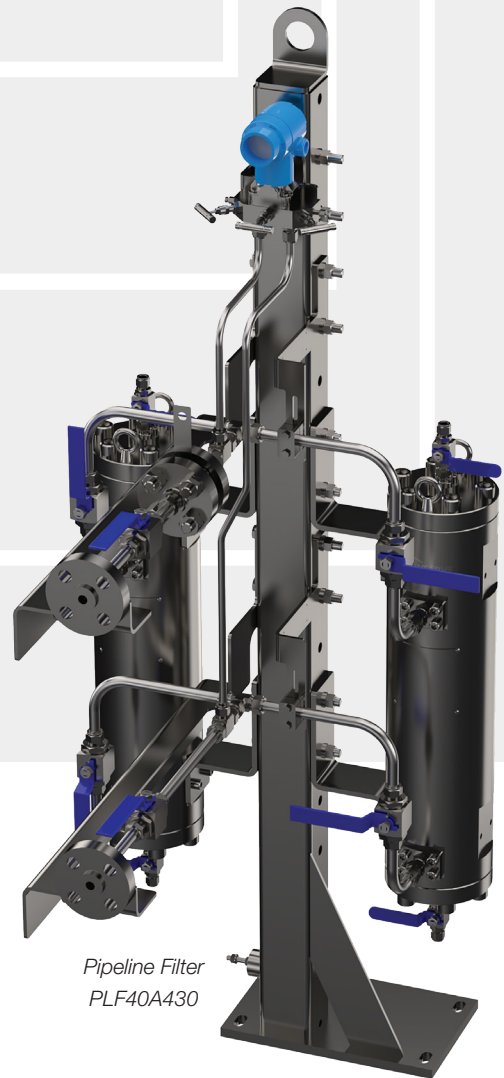
Certification options	
0	Flowserve standard (Includes CRN)
U	U-stamp
P	PED

System connection type	
T	3/4 in. tubing
B	3/4 in. class 600 RF flanges
A	3/4 in. class 1500 RF flanges

Flow restriction orifice options	
0	No orifice
1	2.39 mm (0.094 in.)
2	3.18 mm (0.125 in.)
3	4.78 mm (0.188 in.)
4	6.30 mm (0.250 in.)

Instrumentation options	
0	Customer supplied instrumentation
1	E&H PMD 75, HART
2	E&H PMD 75, Fieldbus
3	Rosemount 2051, HART
4	Rosemount 2051, Fieldbus
5	Rosemount 3051, Hart, low temperature -50°C (-58°F)
6	Rosemount 3051 Fieldbus, low temperature -50°C (-58°F)

Replacement kit	
0	None provided
1	Replacement O-rings and 1 micron filter element
2	Replacement O-rings and 5 micron filter element
3	Replacement O-rings and 10 micron filter element
4	Replacement O-rings and 20 micron filter element



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