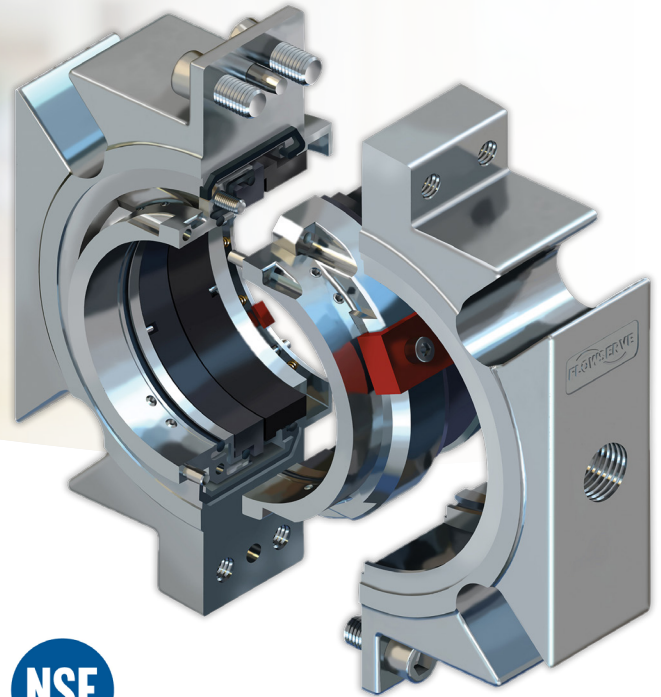




PSS 4-61 NSF/ANSI/CAN 61 Certified Standard Split Seals for Drinking Water Applications



NSF/ANSI/CAN 61

PSS 4-61 split seals satisfy NSF International's rigorous evaluation process and are certified to NSF/ANSI/CAN 61 and NSF/ANSI 372 for applications that involve drinking water, from source to the tap.

NSF certifications cover all wetted components and demonstrate how PSS 4-61 seals meet regulatory requirements for drinking water quality, giving municipalities and water consumers confidence in safe seal selection and operation.

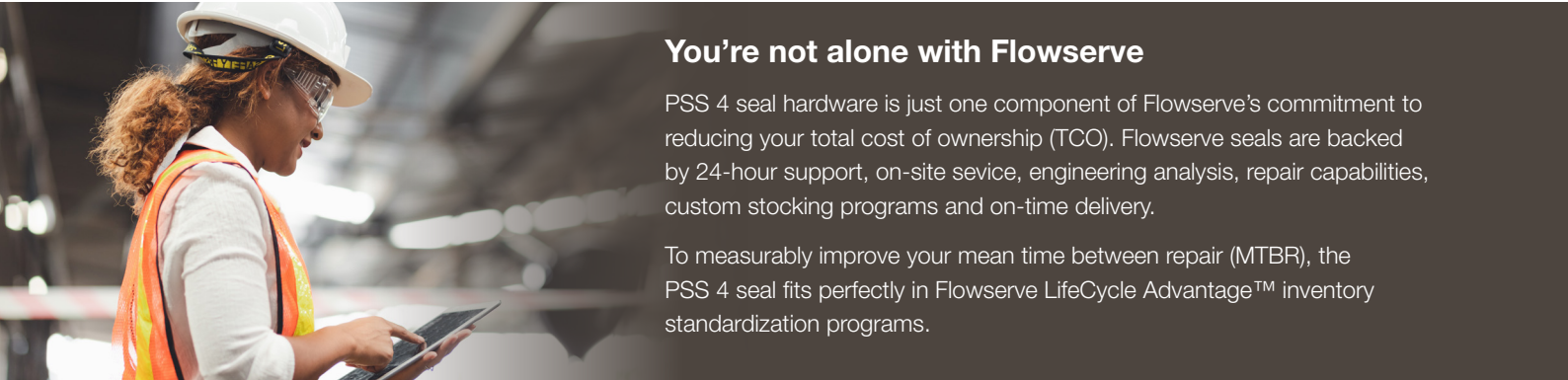


The PSS 4 seal difference

With only two major components, the PSS 4 split seal makes installation quick and easy without requiring equipment teardown. The pre-assembled, semi-cartridge rotating and stationary halves eliminate equipment measurements and the handling of critical sealing components. This innovative design with enhanced pressure capability makes the PSS 4 seal ideal for nearly all industries, including pulp and paper, wastewater treatment, power generation, light chemical and drinking water.

Features and benefits

- **Improve water quality** with NSF/ANSI/CAN 61 certified product adhering to strict industry and regulatory requirements
- **Third-party**, non-biased evaluation from well-established certification body
- **Product quality and consistency**, backed by annual NSF inspections and testing to maintain certification
- **Fully split design** installs around the shaft and outside of the seal chamber, without requiring equipment teardown
- **Easy installation** made even easier with fully pre-assembled, unitized component, semi-cartridge segments
- **The need for adhesives is eliminated**, as all internal gaskets are mechanically held in place



You're not alone with Flowserve

PSS 4 seal hardware is just one component of Flowserve's commitment to reducing your total cost of ownership (TCO). Flowserve seals are backed by 24-hour support, on-site service, engineering analysis, repair capabilities, custom stocking programs and on-time delivery.

To measurably improve your mean time between repair (MTBR), the PSS 4 seal fits perfectly in Flowserve LifeCycle Advantage™ inventory standardization programs.

Certified materials and sizes

- **Metal parts:** 316 stainless steel
- **Seal faces:** Aluminum oxide vs. premium resin carbon, sintered silicon carbide vs. premium resin carbon
- **Gaskets:** Fluoroelastomer
- **Sizes:** 38 to 152 mm (1.500 to 6.000 in.)

Product specifications

- Seal shall be a semi-cartridge fully split seal utilizing a four-piece clamshell design for ease of installation capable of sealing pressures up to 450 psi.
- Unitized rotor and stator faces with positive seal face pin drive.
- Rotor face split joints must contain contours to aid in both axial and radial direction realignment.
- Seal shall be capable of tolerating runout up to 1.524 mm (0.060 in.).
- Metal component end joints must contain dual groove joint gaskets for improved sealing.
- Drive collar must contain a minimum of 8 set screws for positive drive.
- All O-rings and fasteners must be captured in place by design.
- Seal setting and face wear must be viewable via indicator pins located externally of the seal.
- Seal, as an assembled unit, shall be certified to NSF/ANSI/CAN 61 and NSF/ANSI 372 standards and meet the requirements of the U.S. Safe Drinking Water Act of 2014.
- The packaging or documentation shipped with the certified seal shall bear the NSF mark.

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