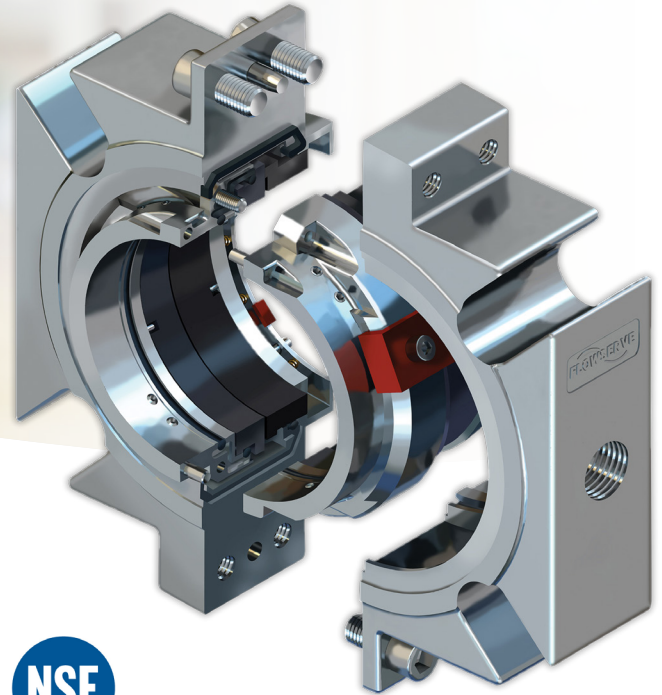




# PSS 4-61 NSF/ANSI/CAN 61 Certified Standard Split Seals for Drinking Water Applications



## 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.

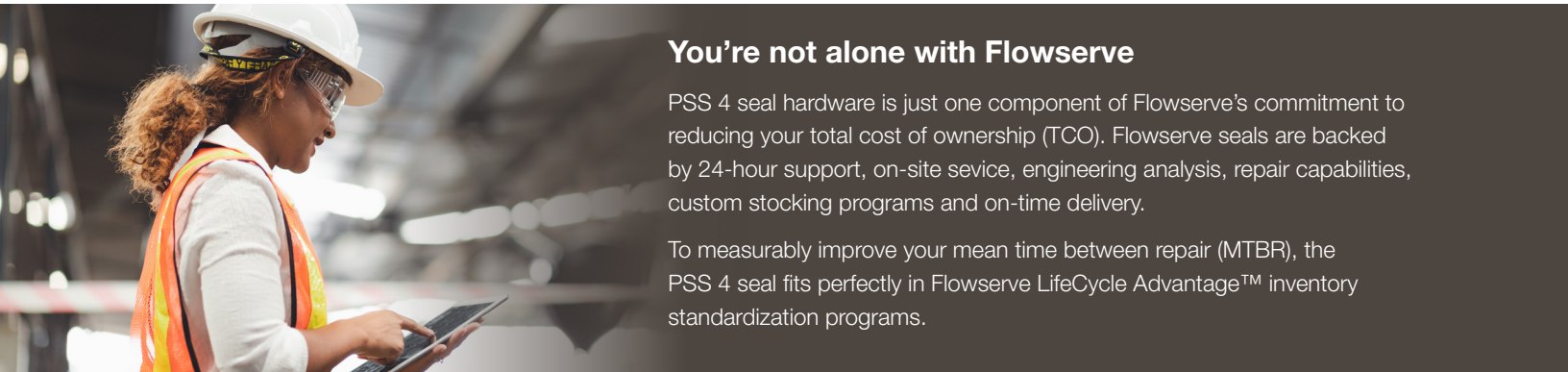


## The PSS 4 seal difference

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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Flowserve Corporation has established industry leadership in the design and manufacture of its products. When properly selected, this Flowserve product is designed to perform its intended function safely during its useful life. However, the purchaser or user of Flowserve products should be aware that Flowserve products might be used in numerous applications under a wide variety of industrial service conditions. Although Flowserve can provide general guidelines, it cannot provide specific data and warnings for all possible applications. The purchaser/user must therefore assume the ultimate responsibility for the proper sizing and selection, installation, operation, and maintenance of Flowserve products. The purchaser/user should read and understand the installation instructions included with the product, and train its employees and contractors in the safe use of Flowserve products in connection with the specific application.

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