

NON-PUSHER ELASTOMER DRY-RUNNING, NON-CONTACTING, SECONDARY CONTAINMENT SEAL



DESIGN BENEFITS

- Unique patented NPSS technology prevents wear to the sealing diameter and prevents secondary seal hang-up
- Simplified dual containment using API Plan 76 enables remote operation
- Non-contacting operation for near zero wear and long seal life
- Bi-directional design enables seal to keep running successfully despite a change in shaft direction

PRODUCT DESCRIPTION

- ■ ■ ■ Long distance hydrocarbon pipeline operations with multiple, unmanned and remote pumping stations, means that in certain regions, many pipeline pumps rely on single mechanical seals to prevent leakage. The Type 8628VSC, non-pusher secondary containment seal is now available for all grades of hydrocarbon pipelines where the leakage is gaseous at standard temperature and pressure (STP).



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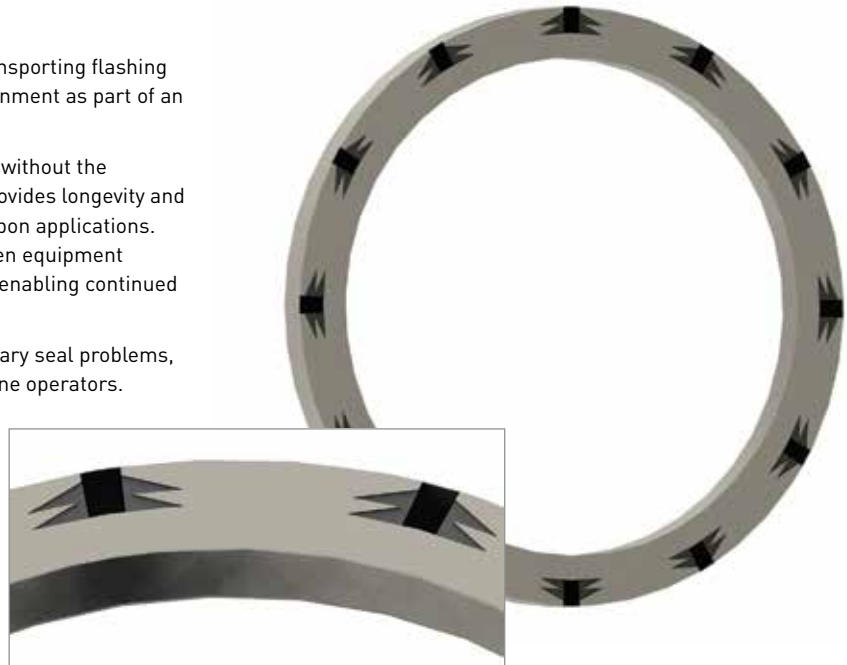
TYPE 8628VSC

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The Type 8628VSC now enables pipeline operators transporting flashing and hydrocarbons to provide reliable secondary containment as part of an API Plan 76 piping plan.

Used in conjunction with 8648VRS, allowing operation without the potential for secondary seal problems the 8628VSC provides longevity and reliability for even the most difficult flashing hydrocarbon applications. Additionally, its bi-directional capability provides proven equipment integrity even with a sudden change in shaft direction enabling continued operation of the secondary containment seal.

By allowing operation without the potential for secondary seal problems, the 8628VSC provides longevity and reliability to pipeline operators.



Performance Capabilities

| Temperature | Pressure | Speed | Shaft size |
|----------------------------|--|---------------------------------------|----------------------------|
| -4° to 400°F/-20° to 204°C | Up to 5 barg/75 psig Up to 100 barg/1,450 psig containment pressure | Up to 6,000 fpm/31.5 ms ⁻¹ | 2.625 – 5.510"/67 - 140 mm |

Together, we will work with you to keep your mission-critical operations up and running with support and guidance from our experienced team.



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If the products featured will be used in a potentially dangerous and/or hazardous process, your John Crane representative should be consulted prior to their selection and use. In the interest of continuous development, John Crane Companies reserve the right to alter designs and specifications without prior notice. It is dangerous to smoke while handling products made from PTFE. Old and new PTFE products must not be incinerated. ISO 9001 and ISO 14001 Certified, details available on request.