

Features & Facts



POINTGUARD™ Gaskets

POINTGUARD™ Sealing/Isolating Gasket Features

- Self energizing seal.
- Low bolt torque to effect sealing element.

Retainer Material 1/8" (0.125") Thick

- G10
- Phenolic

Seal Element Material

- PTFE (Teflon)*
- Nitrile*
- Silicone
- Viton*
- EPDM*

*Currently Available

Industries

- Oil
- Gas
- Water/Wastewater

Media

Energy

Cryogenic, Ethanol, Ethylene, Fuel Oil, Gas-Natural, Gas-Sour, Gasoline, Crude Oil, Propane, Nitrogen Butane, Diesel, Methane, Hydrocarbons

Water

Sewage, Spent Liquor Water (Hot), Potable & Sea Water

General Description:

The POINTGUARD™ sealing/isolating gasket system is designed for general applications where electrical flange isolation and corrosion control are required on pipes containing water/wastewater, gas, natural gas, oil and other hydrocarbon based medias up to 302°F(150°C). Available for flat face, raised face and ring type joint flanges from ½" to 42", ANSI 150-1500# and API 2-5K. The POINTGUARD gasket is an engineered value added solution for trouble free operation.



POINTGUARD sealing/isolating gasket system consists of a retainer with an incline-plane seal groove geometry designed to optimize each seal's elastic memory, in conjunction with a proven rectangular sealing element ("Quad" ring). This combination guarantees low bolt load requirements and high sealing integrity. POINTGUARD systems are available with a variety of retainers and seal elements.



A Fresh Look at Sealing – Design Feature:

A Teflon one-piece continuous/non-spliced seal element, available from ½" to 24". This sealing combination with the in-cline plane is a first for this generation of gasket technology. For engineers and end users wanting a continuous seal element.

General Installation Tips:

1. Always use proper safety equipment.
2. Installation should be done with a torque wrench or stud tension measuring device.
3. Open 3-Flow packaged product to inspect and determine that components are as specified.
4. Flanges shall be free of pits, gouges, rust, debris, oil and grease. Surface finish shall be no greater than 250 RMS.
5. Check bolts and nuts to ensure they are clean.



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“Proven design and engineered based on an industry leader.”

“Tested to Shell Certification Standards.”

For More POINTGUARD Gasket Resources Visit www.3-Flow.com

Specifications in Word and
PDF Format

Complete Installation
Guidelines

Ordering Guide

Material Property
Information

Locate a Stocking
Distributor and 3-Flow, Inc.
Representative

Warranty

We warrant all products to be free from defects in material and workmanship for one (1) year after the date of the shipment. If any product is found to be defective and returned to us within one year from date of shipment, we either replace it F.O.B. original point of delivery or, at our option, refund the purchase price. The foregoing remedy is the buyer's sole and exclusive remedy.

WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF ANY PRODUCT SOLD OR MANUFACTURED BY US. IN NO EVENT WILL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER ASSERTED IN CONTRACT, TORT, OR OTHERWISE.

The foregoing limited warranty shall not be modified or affected by our receipt or acknowledgement of buyer's purchase order or any other related instrument of paper containing additional or different terms. Any terms or conditions in buyer's purchase order or other documentation which conflict with the foregoing limited warranty shall have no force or effect.

3-Flow, Inc. is a start-up company and will be adding to the product offering as we continue to grow as a manufacturer. In order to streamline our delivery and quality, POINTGUARD gaskets will currently be offered ½" thru 12" with Teflon Self Energized seal elements.

The website and customers will be updated with information as our range and capacity increases.

Effective: 3/12/12

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