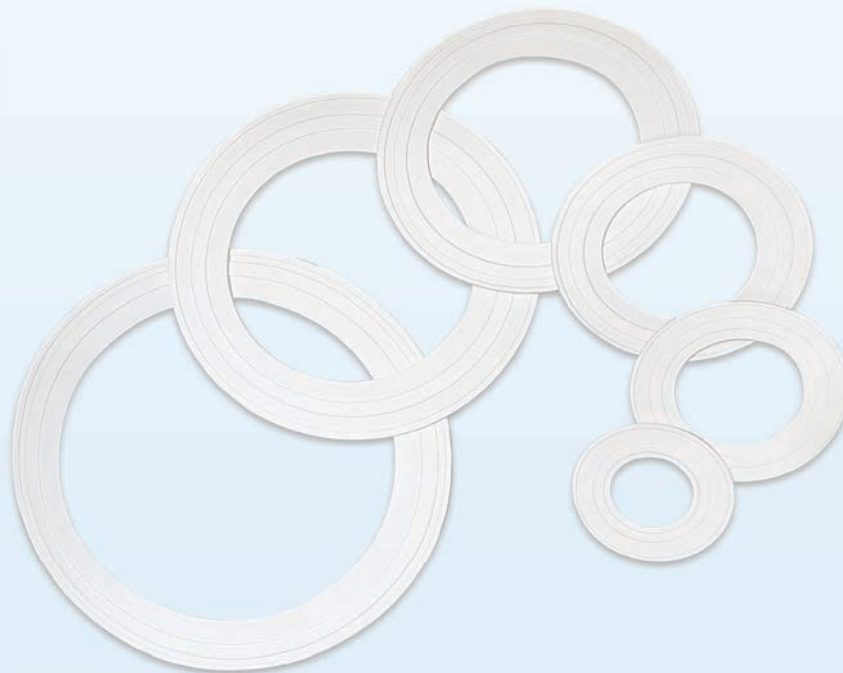




# EZ SEAL GASKET



## A REDUCED AREA GASKET, WITH IMPROVED SEALING PROPERTIES AND GREATER RIGIDITY FOR EASY HANDLING

Successfully achieve your plant's Low-Emissions goals with **INERTEX® EZ Seal Gasket**. Our EZ Seal Gasket is manufactured from our SQ-S Isotropic Gasket Sheet, which is manufactured from 100% expanded virgin PTFE under our US Patent 6,080,472 and in our AS9100D & ISO 9001:2015 certified plant.

**INERTEX® EZ Seal Gasket** functions as a reduced area gasket. By design, the majority of the bolt load goes first to the gasket's uncompressed area. In effect, the sealing stress of the gasket is amplified. Sealing is improved for a given bolt load. Additionally, the pre-compressed area improves the handling rigidity and allows for a more satisfying gasket change-out experience.

**INERTEX® EZ Seal Gasket** is especially suitable for those low torque applications such as fiber glass reinforced or plastic flanges. The EZ Seal Gasket can also be a good choice for those application requirements where bolt loading is restricted by size, number or grade of bolts.

### Inertech's Technical Support

Inertech's technical team includes a professional engineer with nearly 40 years of hands on experience in trouble shooting a wide range of sealing challenges that include pressure vessels, piping, rotating equipment, fans, blowers, etc. Inertech's sealing solutions are based on the most current sealing technology that deploys Pressure Vessel Research Council (PVRC) gasket constants validated by third-party testing. Our sealing solutions are customized to seal your particular design needs.

### INERTEX® EXPANDED ePTFE

#### TEMPERATURE RANGE:

-450° F (-268° C) to  
+600° F (315° C)

#### PRESSURE RANGE:

Full Vacuum to 3000 psi  
(20.7 MPa/ 207 Bar)

#### CHEMICAL COMPATIBILITY:

100% Expanded virgin PTFE

pH Range: 0 to 14

Chemically inert except for  
elemental fluorine and molten  
alkali metals

#### OXYGEN INDEX:

94.5%

#### FDA COMPLIANT:

Meets FDA 21 CFR177.1550  
USP Class VI (unbranded)

#### LOW CREEP AND COLD FLOW

#### NON-TOXIC, SILICONE-FREE

#### NON-CONTAMINATING

#### NON-PARTICULATING

#### NON-AGING IN SERVICE

## You can Depend on These High Performance Features

- Wide pressure and temperature range
- Unsurpassed chemical compatibility
- Excellent creep and cold flow resistance
- Will not harden or deteriorate with age
- Low coefficient of friction allows easy removal
- Easily conforms to damaged or pitted flanges
- Low compressive load to seal
- Rigid design aids in inserting into tight flanges
- Can withstand compressive loads up to 40,000 psi gasket stress
- Professional engineering support

## EZ Seal Gasket Sizing

INERTEX® EZ Seal Gaskets are available from inventory in 1" through 12" in ANSI 150# flange sizes.

## Industries Served

- |               |                              |                     |                        |
|---------------|------------------------------|---------------------|------------------------|
| • Aerospace   | • Pharmaceutical and Medical | • Electronics       | • Wastewater Treatment |
| • Oil and Gas | • Chemical Processing        | • Pulp and Paper    | • Marine               |
| • Automotive  | • Power Generation           | • Food and Beverage | • Semiconductor        |



## Stress Imprint of EZ Seal Gasket on Pressure Sensitive Film

Low Torque creates **HIGH** sealing stress.



## Inertex Family of Engineered Sealing Solutions

The Inertex family of gasketing and sealing products are the new standard for allowing end-users to achieve their Low-Emission and Leak-Tight goals!

- |                      |                                       |
|----------------------|---------------------------------------|
| • UHF Joint Sealant  | • SQ-S Isotropic Gasket Sheets        |
| • UHF Gasket Tape    | • Isotropic Gasket Tape               |
| • EZ Seal Gaskets    | • Low Torque Gaskets                  |
| • Valve Stem Packing | • Inermet Gaskets (with Metal Insert) |

**inertech, Inc.** SOLUTIONS ENGINEERED IN ePTFE

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