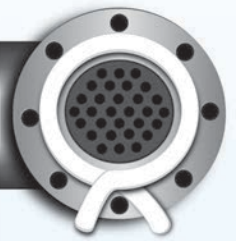




# UHF JOINT SEALANT



## OUR FORM-IN-PLACE "RING GASKET ON A ROLL"

Successfully achieve your plant's Low-Emissions goals with **INERTEX® UHF (Uniformly and Highly Fibrillated) Joint Sealant**. Our UHF Joint Sealant is manufactured from 100% expanded virgin PTFE in our AS9100D & ISO 9001:2015 certified plant under our US Patent 5,098,625.

**INERTEX® UHF Joint Sealant** provides exceptionally good sealing properties at low bolt loads, it resists cold flow and gasket creep, and its high conformability provides excellent resistance to leaks normally caused by flange face imperfections. All Inertech materials are thoroughly third-party tested. This provides a level of sealing predictability that is unsurpassed in the sealing industry.

**INERTEX® UHF Joint Sealant** is an ideal solution for large, irregularly shaped sealing needs, as well as manways, hand-hole gaskets, tank covers, access doors, pump housings, high temperature air and exhaust ducting, compressors, and heat exchangers. It conveniently functions as a ring gasket on a roll.

### 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

#### FDA COMPLIANT:

Meets FDA 21 CFR177.1550

#### 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
- Wide adhesive strip for easy installation for all shapes, vertical or horizontal
- Professional engineering support

| STANDARD SIZES  |                          |
|-----------------|--------------------------|
| STANDARD WIDTHS | SPOOL LENGTHS (FT/SPOOL) |
| 1mm             | 100, 1000                |
| 1/8"            | 100, 1000                |
| 3/16"           | 75, 750                  |
| 1/4"            | 50, 100, 500             |
| 3/8"            | 25, 50, 250              |
| 1/2"            | 15, 30, 150              |
| 5/8"            | 15, 30, 150              |
| 3/4"            | 15, 30, 50, 100          |
| 1"              | 15, 30, 75               |
| 2"              | 39                       |

| SIZE SELECTION REFERENCE |                  |                            |                  |
|--------------------------|------------------|----------------------------|------------------|
| 150-300 LB. ANSI FLANGES | RECOMMENDED SIZE | SEALING CONTACT AREA WIDTH | RECOMMENDED SIZE |
| 1/2" – 3/4"              | 1/8"             | 1/8" – 1/4"                | 1/8"             |
| 1" – 1 1/2"              | 3/16"            | 5/16" – 3/8"               | 3/16"            |
| 2" – 3 1/2"              | 1/4"             | 7/16" – 5/8"               | 1/4"             |
| 4" – 6"                  | 3/8"             | 3/4" – 1"                  | 3/8"             |
| 8" – 16"                 | 1/2"             | 1 1/8" – 1 1/2"            | 1/2"             |
| 18" – 20"                | 5/8"             | 1 5/8" – 2"                | 5/8"             |
| 24" – 36"                | 3/4"             | 2" – 2 1/2"                | 3/4"             |
| 35" – 60"                | 1"               | 2 1/2" – 3"                | 1"               |
| 60"+                     | 2"               | 3"+                        | 2"               |

RULE OF THUMB: 1/2 to 1/3 the width of gasket contact area from bolt hole to flange ID

## Industries Served

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



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

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

CALL: 800.463.7839      EMAIL: [info@inertech.com](mailto:info@inertech.com)  
 FAX: 888.463.7839      VISIT: [www.inertech.com](http://www.inertech.com)

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