

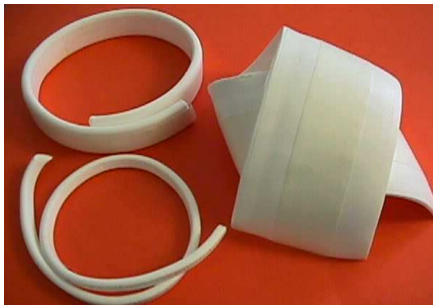
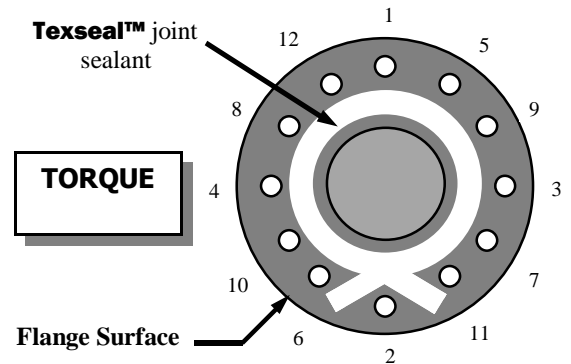
TEXSEAL™ Joint Sealant & Gasket Tape

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Texseal™ Joint Sealant and **Gasket Tape** is a widely tested and proven way to seal liquids and gases of any kind in wet or dry service. The highly fibrillated expanded PTFE exhibits flexibility, compressibility, stability under high temperatures, and high-tensile strength. The chemically inert product resists creep relaxation and maintains a seal at extreme temperatures. **Texseal™ Joint Sealant** is ideal for worn flanges of all sizes. **Texseal™ Gasket Tape** is a flat sealant designed for surfaces requiring a strip or full-face gasket.

Easy to Use

Cut with scissors to the correct length. Adhesive holds sealant in place while positioning around the flange inside the bolt circle to isolate the flow media. End pieces should be overlapped to ensure leak-tight performance. The overlap compresses to the same thickness as the rest of the gasket. The nonstick properties of PTFE allow the flanges to separate freely and no scraping is needed to remove the gasket. It is recommended to use a size about 40-50% of the sealing surface. Remove the adhesive backing from the joint sealant and loop it around the inside of the bolt circle, then overlap the ends of the joint sealant about 3/4"-1" on either side of a bolt hole. Finally, follow the standard torque sequence shown next.



Testing (Based on testing of 1/8" joint sealant size)

FSA Saturated Steam Test Passed (8/96)

Conditions: 520°F/271°C @ 800 PSI for 523 hours

DIN 3535 Gas Permeability 0.05 ml/min (Nitrogen Gas Permeation)

Conditions: Clamping Pressure-4640 PSI, Internal Pressure-580 PSI

Compressibility per ASTM F36-97

Results: 72.2 %

Creep Relaxation per ASTM F38B-95

Results: 24.5 %

Technical

⇒ **Operating Temperature Range:**

-400°F (-240°C) to 600°F (316°C)

⇒ **pH Range:** 0-14

⇒ **Chemical Resistance:** Excellent

Standard Lengths (Other lengths available upon request)

Joint Sealant

- 1/8" x 1/4" (6.3 mm) x 50 ft
- 1/8" x 3/8" (9.5 mm) x 25 ft
- 3/16" x 1/2" (12.7 mm) x 15 ft
- 3/16" x 5/8" (15.8 mm) x 15 ft
- 3/16" x 3/4" (19.1mm) x 15 ft
- 3/16" x 1" (25.4 mm) x 15 ft

Gasket Tape

- 1/2" (12.7 mm) x 1/16" (1.5 mm) x 15 ft
- 1-1/2" (38.1 mm) x 1/16" (1.5 mm) x 15 ft
- 2" (50.8 mm) x 1/16" (1.5 mm) x 15 ft



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TEXSEAL™ Joint Sealant & Gasket Tape

TEXSEAL™ Specifications		
Specification	1/16" (1.5 mm) Thickness (1/2" wide sample)	1/8" (3.0 mm) Thickness (3/8" wide sample)
Material	100% PTFE	100% PTFE
Color	White	White
Thickness Tolerance	-0.0", + .01"	-0.0, + .03"
Operating Temperature	-400°F (-240°C) to 600°F (316°C)	-400°F (-240°C) to 600°F (316°C)
pH Range	0-14	0-14
Typical Density	0.49 oz/in ³ (.85 g/cc)	0.42 oz/in ³ (.73 g/cc)
Specific Gravity	.84	.73
Tensile at Break Point	1596 PSI	1730 PSI
FSA High Pressure Steam Test (520°F/271°C @ 860 PSI for 523 Hours)	Passed (8/96)	Passed (8/96)
*DIN 3535 Gas Permeability (Clamping Pressure-4640 PSI, Internal Pressure-580 PSI)	.05 ml/min (Nitrogen Gas Permeation)	.05 ml/min (Nitrogen Gas Permeation)

***DIN 3535 Gas Permeability**

This standard provides a means of measuring leakage of a gas through a gasket. This test is considered to be more extensive than the FSA test (F37) for sealability. Higher internal pressures can be used and the sample gasket size can be varied. Measurements are typically made at room temperature.

