



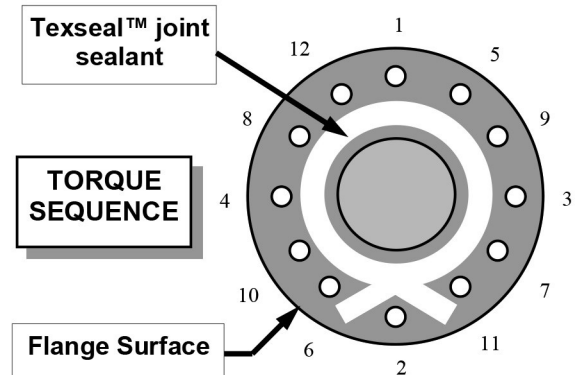
TEXSEAL™ Joint Sealant

100% PTFE JOINT SEALANT FOR EXTREME SEALING ENVIRONMENTS

Texseal™ Joint Sealant 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.

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" (19mm - 25mm) on either side of a bolt hole. Finally, tighten nuts and bolts following the standard torque sequence shown in numerical order to the right. This is to ensure proper alignment of the flanges.



Standard Lengths (Other lengths available upon request)

TEXSEAL™ Joint Sealant

• 1/8" (3.17 mm) x 1/4" (6.3 mm) x 50 ft (15.24 m)
• 1/8" (3.17 mm) x 3/8" (9.5 mm) x 25 ft (7.62 m)
• 3/16" (4.76 mm) x 1/2" (12.7 mm) x 15 ft (4.57 m)
• 3/16" (4.76 mm) x 5/8" (15.8 mm) x 15 ft (4.57 m)
• 3/16" (4.76 mm) x 3/4" (19.1mm) x 15 ft (4.57 m)
• 3/16" (4.76 mm) x 1" (25.4 mm) x 15 ft (4.57 m)



Testing (Based on testing of 1/8" (3.17 mm) 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

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TEXSEAL™ Joint Sealant & Gasket Tape

TEXSEAL™ Specifications

Specification	1/16" (1.5 mm) Thickness 1/2" (12.7 mm) wide sample	1/8" (3.0 mm) Thickness 3/8" (9.5 mm) wide sample
Material	100% PTFE	100% PTFE
Color	White	White
Thickness Tolerance	-0.0", + .01" (-0.0 mm, + .254 mm)	-0.0, + .03" (-0.0 mm, + 7.62 mm)
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.

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