



**PERFORMANCE
SEALING
SOLUTIONS**

Readi-Seal™

Expanded PTFE Joint Sealant



The Universal Gasketing Material – On a Spool

Soft & Conformable

100% virgin Expanded PTFE

FDA Compliant

***Easy Installation &
Removal***

Readi-Seal™ form-in-place Joint Sealant is ideal for a wide variety of sealing applications, including:

- ▶ *Raised Face & Flat Face Flanges*
- ▶ *Metal, Plastic & Glass-Lined Flanges*
- ▶ *Rough, Scratched, Pitted & Otherwise Damaged Flanges*
- ▶ *Round, Oval, Rectangular, Complex & Irregular Flanges*
- ▶ *Pump & Compressor Housing Flanges*
- ▶ *Boiler & Pressure Vessel Manholes & Handholes*
- ▶ *Heat Exchangers*
- ▶ *Misc Lids, Access Plates, Ducts, etc.*

Readi-Seal™ Expanded PTFE Joint Sealant

Description

Readi-Seal™ Expanded PTFE Joint Sealant is a soft, compressible gasketing material made of 100% pure, expanded PTFE. It is a form-in-place gasket that conforms to almost any sealing surface. Upon compression, it forms a thin, hard ribbon that fills in surface irregularities and creates an extremely tight seal. It is capable of withstanding a wider range of pressures, temperatures and chemical environments than any other soft gasket.

Readi-Seal™ can be used in just about any accessible bolted joint that features a flat or serrated sealing surface. It is also easy to install and remove, making it a highly versatile and cost-effective solution for many demanding sealing applications.

Features

Form-In-Place – conforms to any surface, including rough, pitted, scratched and damaged surfaces.

Flexible – can be installed on round, oval, rectangular and complex surfaces.

Chemically Resistant – made without fillers or binders, made of 100% PTFE; compatible with almost any process fluid (except molten alkalis and elemental fluorine)

Adhesive-Backed – convenient adhesive strip and peel-off backing allow easy installation on both horizontal and vertical surfaces.

Readi-Seal™ has an **Unlimited Shelf Life**, shows **No Age Deterioration**, and **Resists Creep & Cold Flow**

Available Sizes

Width	Standard Lengths		Bulk Lengths	
1/8"	50-ft	100-ft	500-ft	1000-ft
3/16"	75-ft	150-ft	500-ft	750-ft
1/4"	50-ft	100-ft	250-ft	500-ft
3/8"	25-ft	50-ft	150-ft	250-ft
1/2"	15-ft	30-ft	100-ft	150-ft
5/8"	15-ft	30-ft	100-ft	150-ft
3/4"	15-ft	30-ft	50-ft	100-ft
1"	15-ft	30-ft	50-ft	75-ft

Intermediate lengths available upon request.
Custom sizes and shapes also available.

Installation Instructions

1. Select a Readi-Seal™ Joint Sealant width that is 1/3-1/2 the width of the sealing surface.
2. Clean sealing surface.
3. Cut off a length of Readi-Seal™ that is several inches longer than the circumference of the seal surface.
4. Remove the peel-off backing.
5. Press the Readi-Seal™ into place, beginning at or near a bolt hole. Apply to center of the seal surface, overlapping the ends in an "X" fashion
6. Bolt up mating surfaces, using normal bolt torques and proper tightening procedures.

Specifications & Testing

Temperature Range	-450°F to 600°F (-268°C to 316°C)	FDA Compliant	PTFE to 21 CFR 177.1550 Adhesive to 21 CFR 175.105
Pressure Range	F.V. to 3,000 psi (F.V. to 210 Bar)	Independent Laboratory Testing	ASTM F36 Compressibility 64-69%
pH Range	0-14		ASTM F38 Creep Relaxation 38-40%
Pressure x Temperature (psi x °F), max	350,000	In-House Testing	5,500 psi Hydraulic Pressure – 1/4" Material – 1,000 hrs without leakage