



Technical Data Sheet - Expanded PTFE Gasket Tape

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Description

Expanded PTFE Gasket Tape is a high performance gasket material made of 100% PTFE. It is a form-in-place gasket that conforms to almost any sealing surface. It is capable of withstanding a wide range of pressure, temperature and chemical environments. This product utilizes a double-coated tissue Pressure-Sensitive Adhesive to aid in installation.

Technical Data for PTFE Substrate

PTFE Gasket Tape is manufactured from pure PTFE (Polytetrafluoroethylene) resin. Excluding the Pressure-Sensitive Adhesive and Release Liner, this product contains no other ingredients, fillers or additives.

General Specifications

Pressure Range	Full Vacuum to 3,000 psi
Temperature Range	-450°F to 525°F continuous to 600°F intermittent
Maximum P x T (psi x deg F)	350,000
pH Range	0-14 (resistant to all common chemicals, except molten alkali metals and elemental fluorine)
FDA	Compliant with FDA 21 CFR 177.1550 which covers PTFE resins for contact with food
Stability	No Age Deterioration Unlimited Shelf Life



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Technical Data for Pressure Sensitive Adhesive and Release Liner

Our Pressure Sensitive Adhesive is a double coated reinforced tissue tape that is coated on both sides with a high tack dead load synthetic-based adhesive system.

Specifications

Backing Tissue (in.)	0.001” thick
Adhesive	Synthetic copolymer, permanent type
Release Liner	45 lb., 3 mil polypropylene, silicone-coated
Thickness, Release Liner (in.)	0.003
Thickness, Tape (in.)	0.0055
Adhesion (ozs per inch of width)	120
Holding Power (min.)	5,000+
Tack (in.)	1
Tensile Strength (lb./sq-in)	5
Elongation (%)	4
Application Temperature (F)	60-120
Temperature Range (F)	0-120
Lift Edge	No
FDA	Pressure Sensitive Adhesive complies with the Federal Food, Drug and Cosmetics Act, Title 21, Subpart B, Paragraph 175.105 which covers the use of pressure sensitive adhesive tapes for food.



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Available Standard Sizes

Width	Thickness (in)					
	0.010	0.015	0.020	1/32	1/16	1/8
1/2"	100-ft	100-ft	75-ft	50-ft	30-ft	30-ft
3/4"	100-ft	100-ft	75-ft	50-ft	30-ft	30-ft
1"	100-ft	100-ft	75-ft	50-ft	30-ft	30-ft
1.5"	100-ft	100-ft	75-ft	50-ft	30-ft	
2"	100-ft	100-ft	75-ft	50-ft	30-ft	

Note: other lengths available upon request