

Technical Data Sheet

Pres-On P8500 Series Gasketing Foam Tape

- Pressure sensitive adhesive with excellent grab
- Polyester urethane foam is highly flexible, fine cell, fully clickable that is uniform and breathable without voids or tears
- Tape resists aging, weather and environmental damage over long term
- Excellent adhesion to wide range of surfaces
- Ideal for RV and automotive door gasketing, seals out moisture and dust, dampens sound and vibration

GENERAL DESCRIPTION

P8500 Series

P8500 is a flexible fine cell foam tape designed for automotive gasketing applications, especially for RV doors. The high-tack permanent rubber-based pressure sensitive adhesive exhibits a superior balance of tack, peel and holding power on a wide variety of surfaces. Available in several thicknesses, P8500 is cost-effective, resists water and moisture, has very good air permeability, and remains flexible over a long period of demanding usage.

APPLICATIONS

Automotive and RV door gasketing, can be die cut to satisfy customer needs.

STANDARD ROLL SIZES

All rolls available in widths from 1/4" to 54"

SERIAL NUMBER	THICKNESS	LENGTH
P8512	1/8"	100'
P8518	3/16"	100'
P8525	1/4"	50'
P8537	3/8"	50'
P8550	1/2"	50'
P8575	3/4"	25'
P851	1"	25'

ADHESION PROPERTIES

TEST	TYPICAL PERFORMANCE	TEST METHOD
Loop Tack	115 oz/in typical	TLM1 LIB1
Adhesion to Steel @ 72°F		
Steel immediate	7 lbs/in width or foam tear	PSTC-1
Steel after 24 hrs	8 lbs/in width or foam tear	PSTC-1
Adhesion to Steel, 20 minute dwell	10 lbs/in width minimum	PSTC-1
Static Shear @ 72°F 1 x 1 x 500 grams	1000 hours minimum	PSTC-7
Static Shear @ 72°F 1 x 1 x 1000 grams	200 hours minimum	PSTC-7
Optimal Application Temperature	50°F to 80°F	Pres-on PTM-1
Functional Temperature	0°F to 140°F	Pres-on PTM-2
Shelf Life	1 year stored at room temperature	

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
Density	ASTM D-3574-81	lb/ft ²	2 +10%
Tensile Strength	ASTM D-3574-81	psi	17 - 25
Elongation	ASTM D-3574-81	%	125 - 175
Tear Resistance	ASTM D-3574-81	PPI	1.4 - 2.2
Compression Set (50%-22 hrs @ 70°F)	ASTM D-3574-81	%	10 (max)
Compression Force 25% Deflection: 0.60 to 0.85 50% Deflection: 0.70 to 1.00 70% Deflection: 1.30 to 2.10	ASTM D-3574-81	psi	
Cell Count	Visual	Pores Per Inch	50 to 60
Retention of Tensile Strength 6 Hours Autoclave @ 120°C: 70% 24 Hours Dry Heat Aging @ 140° C: 80%	ASTM D-3574-81	%	
Flammability (thickness approval @ .062)	UL94	Dripless Minutes	94 HF-1

1. This information is furnished as a guide for selecting materials. Pres-On disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.
2. Information and specifications are based upon research and believed to be true but do not constitute a warranty. Pres-On products are sold with the understanding that the purchaser will determine the suitability of the materials for their purpose. Pres-On will supply samples for your testing and evaluation.

APPLICATION NOTES

Thoroughly clean contact surface before use. Once P8500 has been applied, it cannot be removed and reused. Therefore, position P8500 carefully, assuring that it is in contact with all surfaces. If P8500 is misaligned, remove used unit, discard and repeat application with new unit. Test product for system compatibility as individual application conditions can impact results. Pres-On does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.