



# Technical Data Sheet

## Pres-On P4200 Series Polyethylene Foam Tape

- Double coated foam tape is cross-linked, closed cell
- Coated with high-tack pressure sensitive adhesive
- Excellent flexibility with conformability to uneven surfaces
- Resists damage from weather and chemicals
- Ideal for replacement of liquid sealants

### GENERAL DESCRIPTION

#### P4200 Series

P4200 Series is a cross-linked, closed-cell polyethylene foam tape for general purpose use. Coated on both sides with a high-tack, rubber-based permanent adhesive with outstanding grab on wide range of materials. Tape offers long term bonding that stands up to UV damage and weather, even on irregular or uneven surfaces.

### APPLICATIONS

General purpose, high performance tape for bonding, cushioning, dampening of noise, shock and vibration. Provides barrier to moisture, gas, dust and vapors. Used in window glazing and door manufacturing, among many other applications.

### STANDARD ROLL SIZES

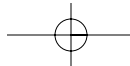
All rolls available in widths from 1/8" to 54"

SERIAL NUMBER	THICKNESS	LENGTH
P4203	1/32"	216'
P4206	1/16"	108'
P4212	1/8"	54'
P4225	1/4"	50'

### 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	indefinite	PSTC-7
Static Shear @ 72°F 1 x 1 x 1000 grams	500 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	





## PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	1/8" & 1/16" TAPE	1/32" TAPE
Density (PCF)	ASTM D-3574-81	3.6 -4.4	5.4 - 6.6
Compression Strength (psi 25%)	ASTM D-3574-81	10 - 13	16 - 35
Tensile Strength (psi)	ASTM D-3574-81	70 - 78	127 - 130
Elongation at Break (%)	ASTM D-3574-81	180 - 182	200 - 220
Tear Resistance (psi)	ASTM D-3574-81	15 - 18	25 - 35
Compression Set (% of original thickness)	ASTM D-3574-81	16 - 18	10 - 12

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 P4200 has been applied, it cannot be removed and reused. Therefore, position P4200 carefully, assuring that it is in contact with all surfaces. If P4200 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.

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