

Technical Data Sheet

Pres-Bond™ PL4500 Series Glazing Tape

- Meets AAMA 800-92 Section 1.6 810.1-92 Expanded Cellular Glazing Tape Type 1
- Cross-linked, closed-cell Polyethylene foam
- Double coated with high tack acrylic PSA and Polyethylene liner
- Permanent bond with outstanding holding power
- Excellent environmental resistance and aging properties
- Available in 1/32", 1/16" and 1/8" thicknesses
- Available in black or white

GENERAL DESCRIPTION

PL4500

Designed for use on window frames, PL4500 glazing tape brings ultimate adhesion properties and holding power to challenging applications. It is double-sided with permanent acrylic adhesive that will provide greater initial tack and withstand extreme environments. Tape comes with improved Polyethylene release liner for faster, easier application.

APPLICATIONS

Bonds to wood, aluminum, stainless steel and PVC window frames. Offers superior resistance to weathering, oxidation, temperature ranges and UV. Will block out water, light, dust, and all forms of moisture. AAMA-approved.

STANDARD ROLL SIZES

All rolls have standard width of 54 inches, custom widths available

SERIAL NUMBER	THICKNESS	LENGTH*
PL4503	1/32"	216'
PL4506	1/16"	108'
PL4512	1/8"	54'

* Note: Longer lengths are available in both pancake rolls and spools.

ADHESION PROPERTIES

Adhesive is high tack permanent pressure sensitive acrylic. Two-sided with release liner.

TEST	TYPICAL PERFORMANCE	TEST METHOD
Rolling Ball tack	3 inches maximum	PSTC-6
Adhesion to Steel @ 72°F		
Steel immediate	3.5 lbs/inch width	PSTC-1
Steel after 24 hours	6 lbs/inch width or foam tear	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	200 hours minimum	PSTC-7
Water and Humidity Resistance	excellent	Pres-On
Optimum Application Temperature	50 F - 80 F	Pres-On
Functional Temperature	0 F - 200 F	Pres-On
Shelf Life	2-3 Years (room temperature)	Pres-On

PHYSICAL PROPERTIES*Cross-linked, closed cell
Polyethylene foam*

PROPERTY	TEST METHOD	4 lbs 1/16", 1/8"	6 lbs 1/32"
Density (PCF)	ASTM D3575	3.6 - 4.4	5.4 - 6.6
Compression Strength (psi 25%)	ASTM D3575	10.0 - 13.0	16.0 - 35.0
Tensile Strength (psi)	ASTM D3575	70 - 78	127 - 130
Elongation at Break (%)	ASTM D3575	180-182	200 - 220
Tear Resistance (psi)	ASTM D3575	15.0 - 18.0	25.0 - 35.0
Compression Set (% original)	ASTM D3575	16.0 - 18.0	10.0 - 12.0

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