

# Technical Data Sheet

## Pres-On PL4700 Series Rubber/Acrylic Glazing Tape

- Meets AAMA 800-92 Section 1.6 810.1-92 Expanded Cellular Glazing Tape Type 1
- Double coated with high tack rubber PSA (one side) and high tack acrylic PSA (one side) with Polyethylene liner
- Cross-linked, closed-cell Polyethylene foam
- Permanent bond with outstanding holding power
- Excellent environmental resistance and aging properties

### GENERAL DESCRIPTION

PL4700 Series

Designed for use on window frames, PL4700 rubber/acrylic glazing tape brings ultimate adhesion properties and holding power to challenging applications. It is double-sided with permanent rubber adhesive on one side and permanent acrylic adhesive on the other that will provide greater initial tack and withstand extreme environments. Tape comes with improved Polyethylene release liner for faster, easier application. Available in white or black.

### 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 available in widths from 1/8" to 54"

SERIAL NUMBER	THICKNESS	LENGTH*
PL4703	1/32"	216'
PL4706	1/16"	108'
PL4712	1/8"	54'

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

### 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	-40°F to 150°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.

**CROSS REFERENCE**

Cross reference Pres-On PL4400 with TBP 750 Series, Lamatek GT Series, and Adhesive Research 3000 Series.

**APPLICATION NOTES**

Thoroughly clean contact surface before use. Once PL4700 has been applied, it cannot be removed and reused. Therefore, position PL4700 carefully, assuring that it is in contact with all surfaces. If PL4700 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.