

# Technical Data Sheet

## Pres-On P8600 Series Vinyl Nitrile Mounting Tape

- Durable closed cell blend of vinyl and nitrile foam
- Coated with high tack pressure sensitive adhesive
- Uniform cell structure and excellent dimensional stability
- Resists moisture, fire and chemicals
- Ideal for HVAC applications, roof curbs, weatherproofing

### GENERAL DESCRIPTION

#### P8600 Series

P8600 Series tapes feature a vinyl and nitrile foam blend excellent for sealing, gasketing, shock absorption and vibration dampening. Its uniform closed cell structure resists absorption of water and other fluids, provides good load bearing qualities and helps maintain a permanent positive seal.

### APPLICATIONS

HVAC, Roof Curb, Pipe Wrap, Filter Gaskets, Thermal Insulation.

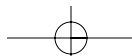
### STANDARD ROLL SIZES

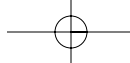
All rolls available in widths from 1/8" to 48"

SERIAL NUMBER	THICKNESS	LENGTH
P8612	1/8"	30' or 50'
P8618	3/16"	50'
P8625	1/4"	50'
P8637	3/8"	25'
P8650	1/2"	25'
P8675	3/4"	25'
P861	1"	25'

### ADHESION PROPERTIES

TEST	TYPICAL PERFORMANCE	TEST METHOD
Adhesion to Steel @ 72°F		
Steel immediate	2.5 lbs/in width or foam tear	PSTC-1
Steel after 24 hrs	4.0 lbs/in width or foam tear	PSTC-1
Adhesion to Steel, 15 minute dwell	4.3 - 6.4 lbs/inch	PSTC-1
Adhesion to Steel, 24 hour dwell	6.0 lbs/inch	PSTC-1
Shear 1" x 1", 500 gms	1000 hours	PSTC-7
Shear 1" x 1", 1000 gms	200 hours	PSTC-7
Optimal Application Temperature	50°F to 80°F	Pres-on PTM-1
Functional Temperature	0°F to 225°F	Pres-on PTM-2
Water and Humidity Resistance	Excellent	Pres-On
Shelf Life	1 year stored at room temperature	





## PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
Density	ASTM D-1667	lb/ft <sup>2</sup>	3.0 - 5.0
Tensile Strength	ASTM D-412	psi	40 minimum
Shore OO Durometer	--	-	2.0 - 5.0
Compression Force 25% Deflection	ASTM D-1056	psi	1.5 - 3.0
Compression Set 25%	ASTM D-1667		24 maximum
Compression Set 50%	ASTM D-1056		50 maximum
Water Absorption by Weight (max)	--	%	5
Temperature Range	--	°F	-40 to 158
Water Absorption	ASTM D-1056	--	100 maximum
Water Absorption	ASTM D-1667	lbs/sq ft	0.1 maximum
Heat Aging	ASTM D-1056		± 30
Thermal Stability (% change in length, 7 days @ 220F)	ASTM C-548	%	10 maximum
Thermal Conductivity (BTU-IN/HR/SQ FT)	ASTM C-177	BTU-IN	0.290 maximum
Ozone Resistance	ASTM D-1171	Pass/Fail	Pass
Fluid Immersion	ASTM D-1056		100 maximum
Temperature Use Limits	--	°F	-40° to 220°
Flammability Rating	MVSS302	Pass/Fail	Pass
	UL 94HF1	Pass/Fail	Pass

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 P8600 has been applied, it cannot be removed and reused. Therefore, position P8600 carefully, assuring that it is in contact with all surfaces. If P8600 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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