

TECHNICAL DATA

- Composed of a vinyl/nitrile closed-cell foam blend
- Resists moisture, fire and chemicals
- Pressure sensitive acrylic adhesive exhibits high initial grab
- Provides a long lasting, permanent bond
- Uniform cell structure lends dimensional stability

Product Description

Pres-On P8600 Series Vinyl Nitrile Foam Tape's uniform, closed-cell structure resists the absorption of water and other fluids. Its high-performance, permanent acrylic adhesive bond is ideal for sealing, gasketing, weatherproofing, thermal insulating, absorbing shock and dampening vibration.

Applications

P8600 is widely utilized for roof curb sealing, pipe wrapping, filter gasketing and a variety of other demanding HVAC applications.

STANDARD ROLL SIZE	SERIAL NUMBER	THICKNESS	LENGTH
All rolls available in widths from 1/4" to 54"	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 hours	4.0 lbs/in width or foam tear	PSTC-1
	Adhesion to Steel, 15 min dwell	4.3 - 6.4 lbs/in	PSTC-1
	Adhesion to Steel, 24 hour dwell	6.0 lbs/in	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 temp	

PHYSICAL PROPERTIES	TEST METHOD	UNIT OF MEASURE	RESULT
Density	ASTM D-1667	lbs/ft ²	3.0 - 6.0
Tensile Strength	ASTM D-412	psi	25 minimum
Shore OO Durometer	--	--	30
Compression Force 25% Deflection	ASTM D-1056	psi	1.5 - 3.0
Compression Set 50%	ASTM D-1056		35 maximum
Temperature Range	--	°F	-40° to 220°
Water Absorption	ASTM D-1056	--	10% maximum
Thermal Stability (% change in length, 7 days @ 220°F)	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
Mold Growth	UL 181	Pass/Fail	Pass
Fungi Resistance	ASTM G 21/C 1338	Pass/Fail	Pass
Bacterial Resistance	ASTM G 22	Pass/Fail	Pass
Flammability Rating	MVSS302 UL 94HF1	Pass/Fail Pass/Fail	Pass Pass

Application Notes

Ensure bonding surfaces are well unified, clean, dry and free of dirt and oils. Apply firm and even pressure to improve adhesive-to-surface contact. Allow proper temperature and time to enhance bond strength as adhesive flows onto the surface.

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