



# Technical Data Sheet

## Pres-On Neoprene/EPDM/SBR Closed Cell Foam Tapes

- Soft (P8200), medium (P8100) and firm (P8300) densities
- Excellent solution for gaskets and weatherstripping
- Exhibits superior sound, shock and vibration cushioning
- Rubber base PSA coated on one side with liner
- Also available with acrylic PSA on one-side (minimums may apply)
- Meets most standard specifications for closed cell stock
- Passes FM VSS No. 302 for flammability (all), UL-94 HBF (P8200, P8300)

### GENERAL DESCRIPTION

P8100, P8200, P8300

The P8100, P8200 and P8300 are specification grade closed cell neoprene/EPDM/SBR blend tapes featuring a high tack rubber based adhesive with liner on one side.

### APPLICATIONS

General application tape that provides a tight, long-lasting seal against moisture, dust and air leaks. Also cushions and dampens noise and vibrations. Can be used for gasketing and weatherproofing doors and windows. Resistant to acids, alkali, ozone and oxidation.

### STANDARD ROLL SIZES

*P8100 is 42 inches wide*

*P8200 is 54 inches wide*

*P8300 is 42 inches wide*

SERIAL NUMBER	THICKNESS (inch)	LENGTH (feet)
P8106	1/16	100
P8112	1/8	75
P8118	3/16	50
p8125	1/4	50
P8137	3/8	25
P8150	1/2	25
P8206	1/16	100
P8212	1/8	75
P8218	3/16	50
P8225	1/4	50
P8237	3/8	25
P8250	1/2	25
P8262	5/8	25
P8275	3/4	25
P821	1	25
P8306	1/16	100
P8312	1/8	50
P8318	3/16	50
p8325	1/4	50
P8337	3/8	25
P8350	1/2	25

### ADHESION PROPERTIES

*High tack pressure sensitive rubber based adhesive.  
One-sided with release liner.*

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	1000 hours minimum	PSTC-7
Static Shear @ 72 F 1 x 1 x 1000 grams	200 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 stored at room temperature	



**PHYSICAL PROPERTIES**

<b>P8100 TAPE (Medium)</b>	<b>TEST METHOD</b>	<b>UNIT OF MEASURE</b>	<b>RESULT</b>
Compression Deflection (25%)	ASTM D-1056	PSI	5-9
Shore 00 Durometer	ASTM D-1056		40-60
Density	ASTM D-1056	lbs/ft2	7-11
Water Absorption (by weight)	ASTM D-1056	%	5 max
Temperature Range	-	F	-40 F to +200 F
Weather Resistance	--	--	Good
Linear Shrinkage (Max) 7 days at 158 F	ASTM D-1056	%	5
Tensile Strength (Typical)	ASTM D-1056	PSI	50
Elongation (Typical)	ASTM D-1056	%	150
Flammability	FM VSS NO. 302	Pass/Fail	Pass

<b>P8200 TAPE (Soft)</b>	<b>TEST METHOD</b>	<b>UNIT OF MEASURE</b>	<b>RESULT</b>
Compression Deflection (25%)	ASTM D-1056	PSI	2-5
Shore 00 Durometer	ASTM D-1056		30-50
Density	ASTM D-1056	lbs/ft2	6
Water Absorption (by weight)	ASTM D-1056	%	5 max
Temperature Range	-	F	-40 F to +158 F
Weather Resistance	--	--	Good
Linear Shrinkage (Max) 7 days at 158 F	ASTM D-1056	%	5
Tensile Strength (Typical)	ASTM D-1056	PSI	30-50
Elongation (Typical)	ASTM D-1056	%	125-150
Flammability	FM VSS NO. 302	Pass/Fail	Pass
	UL 94 HBF	Pass/Fail	Pass
	UL 94 HF1	Pass/Fail	Pass

<b>P8300 TAPE (Firm)</b>	<b>TEST METHOD</b>	<b>UNIT OF MEASURE</b>	<b>RESULT</b>
Compression Deflection (25%)	ASTM D-1056	PSI	9-13
Shore 00 Durometer	ASTM D-1056		50-70
Density	ASTM D-1056	lbs/ft2	8-13
Water Absorption (by weight)	ASTM D-1056	%	5 max
Temperature Range	-	F	-40 F to +200 F
Weather Resistance	--	--	Good
Linear Shrinkage (Max) 7 days at 158 F	ASTM D-1056	%	5
Tensile Strength (Typical)	ASTM D-1056	PSI	70-100
Elongation (Typical)	ASTM D-1056	%	120-150
Flammability	FM VSS NO. 302	Pass/Fail	Pass
	UL 94 HBF	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 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.