

# Technical Data Sheet



## PF1400 Series Polyethylene Foam Tape

- Low density, closed cell type tape for general purpose
- Coated on one side with rubber based adhesive with release liner
- Variety of widths and thicknesses available
- Economical tape for windows and doors, OEM production, HVAC, construction, automotive applications
- Superior performance in insulation, sealing, sound dampening and cushioning applications
- Combines flexibility and conformability with wear resistance

### GENERAL DESCRIPTION

PF1400 Series

PF1400 is an economical low-density, closed cell foam tape coated on one side with a high-tack pressure sensitive adhesive, protected by a paper release liner. Its tough structure, long-term sealing integrity and abrasion-resistance makes this tape ideal for a variety of OEM tasks.

### APPLICATIONS

General purpose tape is used for insulation, sealing, sound dampening, and cushioning, and is especially effective on irregular surfaces where it conforms to shape to provide positive seals. Clean, waste free substitute for liquid sealants. Excellent weatherability in wide temperature range.

### STANDARD ROLL SIZES

SERIAL NUMBER	THICKNESS (inch)	LENGTH (feet)
PF1406	1/16"	100'
PF1412	1/8"	100'
PF1425	1/4"	50'
PF1437	3/8"	25'
PF1450	1/2"	25'

### ADHESION PROPERTIES

TEST (RUBBER BASED)	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>PROPERTY</b>	<b>RESULT</b>
Density (Lbs/Cu Ft)	1.8 to 2.2
Tensile Strength PSI	16-20
Ultimate Elongation %	19
Compress Set (Original Height) % (22 hours @ 50% Compression @ 70° C)	28
Adhesive	Synthetic Rubber Base

*Test Method: ASTM D-3574-81 Standard Methods of testing flexible cellular materials — slab, bonded, and molded urethane foam*

**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.