



PF1600 Polyethylene Foam Tapes

TECHNICAL DATA

- Designed with cross-linked closed cell polyethylene technology
- Resists water, UV, aging, chemicals, and temperature extremes
- Flexible and conforms to most smooth and irregular surfaces
- Ideal for custom die-cutting
- FDA approved for food contact
- Standard white color, also available in black

Product Description

Pres-On PF1600 Polyethylene Foam Tapes are single-coated with rubber-based pressure-sensitive adhesive to provide high tack and high shear. PF1600 tapes are available in rolls and sheets backed with easy-to-use release liners. They are also offered in several thicknesses and densities — ranging from 2.0 to 6.0 lb/ft³.

Applications

PF1600 is excellent for a wide variety of uses including glazing tape for window, door and mirror fabrications, industrial gasketing, glass separators and furniture and appliance bumpers. These general use construction tapes are also recommended for sealing, shock and noise absorption, and cushioning for shipping pads.

STANDARD ROLL SIZE	SERIAL NUMBER	THICKNESS (INCH)	LENGTH (FEET)
All rolls have standard width of 54 inches, custom widths available	PF1603 (6 lb)	1/32	150
	PF1606 (4 lb)	1/16	100
	PF1612 (2 lb)	1/8	75
	PF1618 (2 lb)	3/16	50
	PF1625 (2 lb)	1/4	50
	PF1637 (2 lb)	3/8	25

ADHESION PROPERTIES	TEST	TYPICAL PERFORMANCE (LBS/IN)	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 hours	8 lbs/in width or foam tear	PSTC-1
	Adhesion to Steel, 20 minute dwell	10 lbs/in width or foam tear	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 temp	



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PHYSICAL PROPERTIES	2.0 LBS DENSITY	4.0 LBS DENSITY	6.0 LBS DENSITY
Tensile Strength (PSI)	44	70	130
Elongation (% to break)	150	180	200
Tear Resistance (lb/in)	13	18	35
Compression Strength (PSI) 25% deflection	7	13	35
Compression Set (% of original thickness)	22	16	11
Thermal Stability (% of chg@158° for 24 hrs)	<6	<6	<6
Thermal Conductivity (btu/hr/inch ft/°F)	.27	.29	.30
Working Temperature Range	70°F - 175°F	70°F - 175°F	70°F - 175°F
Water Absorption (lbs/sq ft/°F)	<.06	<.05	<.05
Flammability (MVSS302)	Pass	Pass	Pass

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.

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