



Technical Data Sheet

PF1600 Polyethylene Foam Tape

- Single coated tape for wide variety of uses
- Supplied on rolls or sheets with removable liner
- Excellent for use as glazing tape, gaskets, glass separators, bumpers
- Standard color white, also available in black
- Ideal for die cutting to exact specifications
- Several thicknesses and densities
- Resistant to water, UV, aging and temperature extremes
- FDA approved for food contact

GENERAL DESCRIPTION

PF1600

Pres-On PF1600 cross-linked closed cell polyethylene foam tape is single-coated with rubber-based pressure sensitive adhesive with high tack and high shear. Can be supplied on either rolls or sheets. Densities range from 2.0 lbs pcf to 6.0 lbs pcf. Flexible tape is conformable to most smooth or irregular surfaces. Provides good sealing characteristics.

APPLICATIONS

General use tapes for variety of applications including glazing tape for window, door and mirror fabricators; industrial gasketing, glass separators, furniture and appliance bumpers, cushioning shipping pads; shock and noise absorption; and construction.

STANDARD ROLL SIZES

All rolls have standard width of 54 inches, custom widths available

SERIAL NUMBER	THICKNESS (inch)	LENGTH (feet)
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	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

PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
PF1600 densities (pcf)	2.0 lbs	4.0 lbs	6.0 lbs
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 (lb/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.