



Technical Data Sheet

Pres-On U6100 Series Urethane Foam Tape

- Medium density open cell urethane foam tape
- Coated with high tack pressure sensitive acrylic adhesive
- Uniform cell structure and excellent dimensional stability
- Resists moisture, fire and chemicals
- Excellent compression set resistance
- Ideal for gasketing doors

GENERAL DESCRIPTION

U6100 Series

U6100 Series urethane foam tape has a medium density open cell structure that provides good cushioning characteristics that prevents air, dust and light from passing when compressed but returns to its full thickness without compression. A cost-effective alternative to high density tapes, it has high initial adhesion and long-term secure bonding to plastic, metal or powder painted surfaces.

APPLICATIONS

Door Gasketing, Filter Gasketing

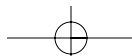
STANDARD ROLL SIZES

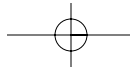
All rolls available in widths from 3/16" to 54"

SERIAL NUMBER	THICKNESS	LENGTH
U6106	1/16"	100'
U6112	1/8"	80'
U6118	3/16"	50'
U6125	1/4"	40'
U6137	3/8"	30'

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 hrs	4.0 lbs/in width or foam tear	PSTC-1
Adhesion to Steel, 15 minute dwell	4.3 - 6.4 lbs/inch	PSTC-1
Adhesion to Steel, 24 hour dwell	6.0 lbs/inch	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 temperature	





PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	< .25" Thick	> .25" Thick
Density	ASTM D-3574	21 lbs/cu ft	17 lbs/cu ft
Tensile Strength	ASTM D-3574	>75 psi	>50 psi
Elongation	ASTM D-3574	>80%	>80%
Tear Strength	ASTM D-624	>7 pli	>4 pli
Compression Deflection (psi) 25% Deflection	ASTM D-3474	10 ±20%	5 ±30%
Compression Set 50% (23°C)	ASTM D-3574	<2%	<2%
Compression Set 50% (70°C)	ASTM D-3574	<8%	<8%
Autoclave then 50% (70° C)	ASTE D3574	<5%	<5%
Temperature Range			
Continuous Use Range:	-40° F to 158° F (-40° C to 70° C)		
Intermittent Use Maximum:	220° F (104° C)		
Flammability Rating	MVSS302	Pass/Fail	Pass
	UL 94HBF	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 U6100 has been applied, it cannot be removed and reused. Therefore, position U6100 carefully, assuring that it is in contact with all surfaces. If U6100 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.

