

Technical Data Sheet

Pres-On U6400 Series Medium Density Urethane Foam Tape

- Medium density open cell urethane foam tape
- Double coated with high tack acrylic adhesive
- Superior initial adhesion to speed on-site fabrication
- Long-term resistance to environmental and aging damage
- Easy to remove paper liner
- Ideal for side molding of attachments for vehicles, and for assembly of furniture and windows

GENERAL DESCRIPTION

U6400 Series

U6400 Series urethane foam tape is a high-strength open cell urethane foam tape coated on both sides with a specifically formulated proven acrylic adhesive exhibiting superior initial adhesion properties and holding power, along with excellent bond to a wide range of fabrication materials including paints, vinyl, plastics, bare metal and glass. U6400 is also highly resistant to weather extremes, fungi and oxidation.

APPLICATIONS

Side mounting of vehicle attachments, window manufacturing and furniture assembly

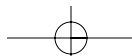
STANDARD ROLL SIZES

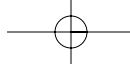
All rolls available in widths from 1/8" to 54"

SERIAL NUMBER	THICKNESS	LENGTH
U6402	1/32"	200'
U6406	1/16"	100'
U6412	1/8"	50'

PERFORMANCE

TEST	TYPICAL PERFORMANCE	TEST METHOD
Loop Tack	60 oz/in typical	TLM1 LIB1
Adhesion @ 72°F to the following		
Steel immediate	2.5 lbs/in width	PSTC-1
Steel after 24 hrs	3.5 lbs/in width or foam tear	PSTC-1
Aluminum immediate	2.5 lbs/in width	PSTC-1
Aluminum after 24 hrs	3.0 lbs/in width or foam tear	PSTC-1
Glass immediate	2.0 lbs/in width	PSTC-1
Glass after 24 hrs	3-5.0 lbs/in width or foam tear	PSTC-1
Powder Paint immediate	2.0 lbs/in width	PSTC-1
Powder Paint after 24 hrs	3-5.0 lbs/in width of foam tear	PSTC-1
Static Shear @ 72°F 1 x 1 x 500 grams	indefinite	PSTC-7
Static Shear @ 72°F 1 x 1 x 1000 grams	1000 hours minimum	PSTC-7
Water and Humidity Resistance	excellent	Pres-on PTM-3
Application Temperature	45°F to 120°F	Pres-on PTM-1
Service Temperature	40°F to 180°F	Pres-on PTM-2
Shelf Life	1 year stored at room temperature	





PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
Density	ASTM D 3574	lb/ft	20
Hardness	ASTM D2240	Shore OO	40
Tensile Strength	ASTM D3574	psi	150 (min)
Elongation	ASTM D3574	%	120 (min)
Tear Strength	ASTM D624	lb/in	25 (min)
Compression Set (50%-22 hrs @73°F)	ASTM D1056	%	3 (max)
Compression Deflection @25%	ASTM D1056	psi	30-50
Flammability (above .063")	FMVSS-302	Pass/Fail	Pass ¹

1. Submit request for any thickness below .063" thickness
2. 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.
3. 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 purchasers 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 U6400 has been applied, it cannot be removed and reused. Therefore, position U6400 carefully, assuring that it is in contact with all surfaces. If U6400 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.

CROSS REFERENCE

St. Gobain: V2200 Series

