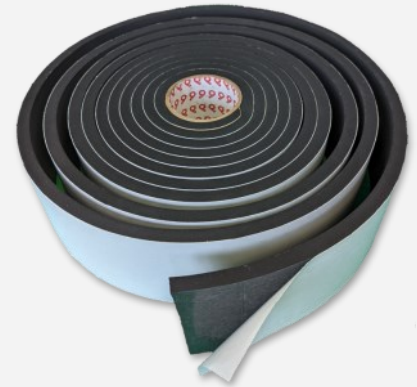


U6100 SERIES

Urethane Foam Tape: (Poron® 4701-40 Soft)

- Soft Density
- Extremely Durable
- Open Cell Foam
- Flammability Ratings
- UL Listed
- Compressible
- Compressible
- Dielectric Values
- High Performance Acrylic Adhesive.



Markets:

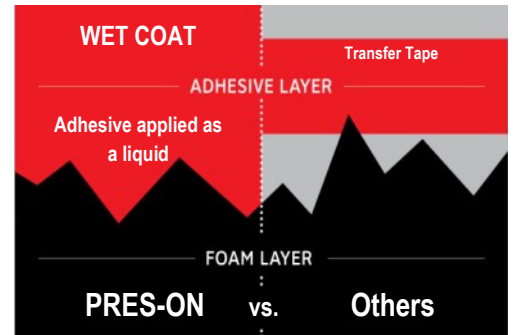
- Battery Pads
- Cushioning
- Gasket Sealing
- LCD Gaskets
- Enclosures
- Sound Blocking
- Vibration Management

Excellent Choice for Applications Requiring:

- Gap Seals
- Sound Absorption & Vibration Deadening
- Flammability
- Permanent Bond, Flexible Applications
- Hot to Cold Temperature Resistance
- Dielectric Values

**PRES-ON'S
WET COAT
ADHESIVE
ADVANTAGE.**

Our adhesive is applied as a liquid. Promoting a superior bond to the texture of the foam. Reduces Delaminating.



- Foam Thickness:** 1/16", 1/8", 3/16", 1/4", 3/8"
- Roll Widths:** 1/4" up to 50"
- Roll Lengths:**
 - 1/16" - 100'
 - 1/8" - 80'
 - 3/16" - 50'
 - 1/4" - 40'
 - 3/8" - 30'
 - Custom lengths available
- Shapes:** Customizable Cut Shapes, Sheets

Adhering to a higher standard™



Find the right product for your application today! Call Pres-On at 800-323-7467. visit www.preson.com, or email sales@preson.com.

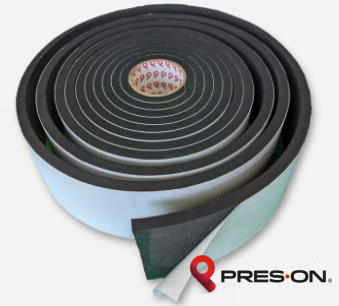
2600 E. 107th Street | Bolingbrook, IL 60440
630-628-2255 | www.preson.com

U6100 SERIES

U6100 Series - Urethane Foam Tape: (Poron® 4701-40 Soft):

Soft Density ▪ Closed Cell Gasket ▪ UL Listed ▪ Flammability Rating ▪ High Performance Acrylic Adhesive.

U6300 Series is the same as the U6100, but has an added Mylar Film for Support



Material:	Poron® 4701-40 Soft
Pres-On Tape Material Category:	Urethane Foam Tapes
Hardness:	Soft
Color:	Black
Texture:	Smooth
Cell Type:	Open Cell Foam
UV - For Outdoors (sunlight)	Good

Material Technical Data	.062"-0.125" (thick)	.125"- .500" (thick)	Test / Note:
Density	20 pcf	15 pcf	ASTM D 3574-95, Test A
Pressure to Compress 25%	11 psi	5 psi	Typical
Durometer - Shore	12 A , 58 OO	8 A , 51 OO	
Compression Set (MAX)	5	5	ASTM D 3574-95 Test D @ 73°F
Dimensional Stability, % max change	+ - 1	+ - 1	22 hrs @ 176°F in a forced air oven
Water Absorption	15%	17%	ASTM D570-95
Tensile Strength	75 psi	40 psi	ASTM D 3574-75 Test E
Elongation	100 %	100 %	ASTM D 3574-75 Test E
Tear Strength	12 pli	9 pli	ASTM D264-91 Die C, Typical
Thermal Conductivity	.08 BTU-in./hr/ft2-F	.65 BTU-in./hr/ft2-F	ASTM C518
Temperature High	250°F	250°F	
Temperature High Constant	194°F	194°F	
Temperature Low	-40°F	-40°F	
Flammability	Pass	Pass	FMVSS-302
Flammability	Pass - File 188149	Pass - File 188149	CSA Comp HBF
UL Rating - Gasket and Sealing	PASS	PASS	UL50
UL Rating - Gasket and Sealing	PASS	PASS	UL508
UL Rating - Gasket and Sealing	Pass - File MH15464	Pass - File MH15464	UL JMST2 (Consisting of UL50 & UL508)
UL Rating - Gasket and Sealing	Pass - File 188149	Pass - File 188149	CAN / CSA-C22.2 No. 94-M91
Mildew, Bacteria Resistance	Good	Good	ASTM G 21
Ozone Resistance	PASS	PASS	GM 4486P-95
Skin Contact Irritation	PASS	PASS	Primary Skin Irritation Test (FHSA)
Dielectric Constant	1.71 K	1.71 K	ASTM D 150 @ 72F
Dielectric Strength	1969 kV/m	1969 kV/m	ASTM D 149-97a
Dissipation Factor	.05 tan D	.05 tan D	ASTM D 150-98
Volume Resistivity	1 x 10 ¹² ohm-cm	1 x 10 ¹² ohm-cm	ASTM D 257-99
Surface Resistivity	2 x 10 ¹² ohm/sq	2 x 10 ¹² ohm/sq	ASTM D 257-99

Sizes	Series		
Thickness:	U6106	-	1/16"
	U6112	-	1/8"
	-	U6118	3/16"
	-	U6125	1/4"
	-	U6137	3/8"

Adhesive	Type / Rating	Type / Rating
Adhesive	Acrylic, Permanent	Direct Coat (wet coat)
Single Sided Adhesive Tape	Yes	PSA on One-Side
Double Sided Adhesive Tape	Available	Special Order, High MOQ
Adhesive Indoor Rating	Excellent	
Adhesive Outdoor Rating	Excellent	based on application
Adhesive Functional Temperature	0-225° F	
Adhesive Shelf Life	2 Years	Room Temp. @ Relative Humidity
Carrier	Mylar available as U6300	Mylar Available for Die Cuts
No Adhesive (special option)	Plain	Order Min / Mult. Required

Foam Technical Specifications is supported by Roger Corporation's Poron technical data. Any update or revised technical data by Roger Corporation will supersede the above Pres-On technical data sheet.

Color and Finish may vary based on lot. Measurement tolerances vary based on thickness and width, contact Pres-On for specific tolerance to finished product. **APPLICATION NOTES:** Ensure surfaces are well unified, clean, dry, and free of dirt / oils. Apply firm and even pressure to adhesive-to-surface contact. Allow proper temperature / time to enhance bond strength. It is the end user's responsibility to determine final suitability of Pres-On's product for use in their application. **For Terms and Conditions:** <https://www.preson.com/terms-conditions/>

Adhering to a higher standard™



Find the right product for your application today! Call Pres-On at 800-323-7467.

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