



**TECHNICAL DATA SHEET**

## AWT3 – Glazing Tape

AWT3 is closed-cell polyethylene foam coated with an aggressive acrylic adhesive system for optimum compatibility with a variety of materials. AWT3’s exposed side is coated with an adhesive specifically designed for adhesion to treated wood, vinyl and aluminum sash materials, while the liner side is used to seal lite surfaces. AWT3 is constructed with patented cellular structured foam that is particularly resistant to weathering and water absorption while providing a superior long-lived seal.

### PRODUCT ATTRIBUTES

- ENERGY STAR approved
- Excellent adhesion to treated wood, rigid PVC, aluminum sash, and glass
- Seals effectively against water dust and light
- Superior resistance to weathering, oxidation, and exposure to ultraviolet light
- Special non-yellowing, non-staining water-white adhesives provide a clean aesthetic appearance
- Remains flexible at low temperatures and dimensionally stable at high temperatures
- Preformed tape provides consistent and accurate application – no shim is required
- Ease of Use: requires no clean up, easy to handle, no waste, requires no mixing or special application equipment

STANDARD SIZES AND COLORS			
THICKNESS	WIDTH	LENGTH	COLOR
1/32"	1/4", 1/8", 1/2", 5/8"	300'	Black, White
1/16"	1/4", 1/8", 1/2", 5/8"	150'	Black, White
1/8"	1/4", 1/8", 1/2", 5/8"	75'	Black, White

\*Custom sizes are available upon request.

REPRESENTATIVE PHYSICAL PROPERTIES				
PROPERTY	1/8" FOAM	1/16" FOAM	1/32" FOAM	TEST METHOD
DENSITY	3 lb/ft <sup>3</sup>	3 lb/ft <sup>3</sup>	5 lb/ft <sup>3</sup>	ASTM D – 1667
HARDNESS			65 Shore OO	ASTM D – 2240
FORCE TO COMPRESSION	6 psi (25%)	6 psi (25%)	9 psi (25%)	AAMA 810.1.08
COMPRESSION/DEFLECTION	7.4 psi	6.7 psi	10.7 psi	AAMA 810.1.08
COMPRESSION SET	1.3%	2.6%	2.0%	AAMA 810.1.08
WATER ABSORPTION	2.2% (by weight)	2.0% (by weight)	2.3% (by weight)	AAMA 810.1.08
THERMAL CONDUCTIVITY	0.27	0.27	0.32	K factor @ 70°F

Product performance will vary in each application and is dependent upon composite construction. Arlon Innovations does not guarantee the replication of this data by third parties. None of the data or statements contained herein is intended to warrant the performance of this product. Data is representative and not intended as a manufacturing specification.



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**REPRESENTATIVE PHYSICAL PROPERTIES (CONT'D)**

PROPERTY	1/8" FOAM	1/16" FOAM	1/32" FOAM	TEST METHOD
<b>90° PEEL ADHESION @120°F</b> On Glass On Aluminum	152oz/in 158 oz/in	93 oz/in 94 oz/in	138 oz/in 138 oz/in	AAMA 810.1-08
<b>90° PEEL ADHESION @32°F</b> On Glass On Aluminum	243 oz/in 240 oz/in	110 oz/in 110 oz/in	170 oz/in 158 oz/in	AAMA 810.1-08
<b>TENSILE ADHESION @77°F</b>	65 psi 261% elongation	69 psi 316% elongation	109 psi 370% elongation	AAMA 810.1.08
<b>TENSILE ADHESION @120°F</b>	43 psi 201% elongation	49 psi 289% elongation	72 psi 317% elongation	AAMA 810.1.08
<b>TENSILE ADHESION @32°F</b>	86 psi 250% elongation	81 psi 270% elongation	131 psi 281% elongation	AAMA 810.1.08

**AAMA APPROVED**

Arlon Innovations is a member of the American Architectural Manufacturers Association. Arlon Innovations Glazing Tape products have been tested per AAMA 810.1- 08 Type 1 “Voluntary Specification for Expanded Cellular Glazing Tape” and approved. Test results are available upon request.

**APPLICATION**

- Arlon Innovations Glazing Tape must be applied with firm, uniform pressure to a clean, dry surface without stretching. For additional surface preparation information, please request Arlon Innovations Bulletin #1206T.
- Tape corners should be cut and butted together, rather than overlapped or radiused and a thin bead of an approved seam sealant should be applied at the intersection after the liner has been removed.
- 15% minimal compression is recommended to provide an effective moisture seal.
- Recommended application temperature: 60°F to 100°F (for lower temperature applications, contact Arlon Innovations for additional information).
- Arlon Innovations Glazing Tape in-service temperature range: -40°F to 180°F.
- Arlon Innovations Glazing Tape is compatible with most sealing and glazing compounds. Please contact Arlon Innovations for a list of recommended sealing and glazing compounds.

**STORAGE**

- Shelf Life: one (1) year
- Store in a clean area free from exposure to excessive heat, moisture or direct sunlight (44% to 55% relative humidity, 50°F to 80°F).

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