



TECHNICAL DATA SHEET

HiPerGlaze™ F1 – Glazing Tape

HiPerGlaze™ F1 consists of a closed-cell polyethylene foam coated on both sides with an acrylic adhesive system designed for optimum compatibility to wood and pultruded sashes. HiPerGlaze F1 is constructed with a patented cellular structured foam that is particularly resistant to weathering and water absorption. The structure is engineered to provide a superior long-lived seal. Product is supplied both in reels (spools) and as slit rolls.

PRODUCT ATTRIBUTES

- Excellent adhesion to vinyl and aluminum sashes and glass
- Seals effectively against water dust and light
- Superior resistance to weathering, oxidation, and ultraviolet exposure
- 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"	300'	6000'	White

**Custom sizes are available upon request.*

REPRESENTATIVE PHYSICAL PROPERTIES		
PROPERTY	1/32" FOAM	TEST METHOD
DENSITY	5 lb/ft ³	ASTM D – 1667
HARDNESS	65 Shore OO	ASTM D – 2240
FORCE TO COMPRESSION	8 psi (25%)	AAMA 810.1.08
COMPRESSION/DEFLECTION	6.2 psi (25%)	AAMA 810.1.08
COMPRESSION SET	1.4%	AAMA 810.1.08
WATER ABSORPTION	2.0% (by weight)	AAMA 810.1.08
THERMAL CONDUCTIVITY	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	1/32" FOAM	TEST METHOD
90° PEEL ADHESION @120°F On Glass On Aluminum	198 oz/in 203 oz/in	AAMA 810.1-08
90° PEEL ADHESION @32°F On Glass On Aluminum	157 oz/in 147 oz/in	AAMA 810.1-08
TENSILE ADHESION @77°F	94 psi 503% elongation	AAMA 810.1.08

GAUGE	WIDTH (*)	LENGTH	COLORS		FOAM DENSITY			LINERS	
			WHITE	BLACK	3#	4#	5#	KRAFT	PE
1/50"	60"	3000'		○		○			○
1/32"	60"	300'	●				●		●
1/16"	60"	150'	○	○	○				○
1/8"	60"	70'	○	○	○				○

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.

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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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