



TECHNICAL DATA SHEET

113 – Double Coated Foam Tape

Arlon Innovations 113 tape consists of an irradiation cross-linked EVA, polyethylene copolymer foam coated on both sides with a cross-linked acrylic pressure-sensitive adhesive. The acrylic adhesive has high cohesive strength ideal for permanent load-bearing applications.

PRODUCT ATTRIBUTES

- Exceptional shear strength
- High, permanent bond strength
- Exceptional durability
- Designed for outdoor applications, but suitable for indoor applications
- Excellent resistance to degradation from UV light, heat and moisture
- Recommended for low surface energy materials or other difficult to bond surfaces

STANDARD SIZES AND COLORS

THICKNESS	WIDTH	LENGTH	COLOR
1/32"	60"	216'	Black, White
1/16"	60"	108'	Black, White
1/8"	60"	54'	Black, White

**Custom sizes are available upon request.*

REPRESENTATIVE PHYSICAL PROPERTIES

PROPERTY	VALUE (1/32" FOAM)	TEST METHOD
DENSITY	5 lb/cu ft	ASTM D – 1667
TACK @72°F	60 oz/in (FT)	PSTC - 105
PEEL ADHESION @72°F on SS 15 min 24 hr	80 oz/in (FT) 90 oz/in (FT)	PSTC - 101
SHEAR ADHESION @72°F 1" x 1" x 1000g	1000+ hours (NF)	PSTC - 107
PRODUCT CONSTRUCTION Liner Thickness Liner Basis Weight Adhesive type	3.0 mil 55 lb Solvent Acrylic	

FT – Foam tears due to stronger adhesion A – Adhesive Failure C - Cohesive Failure NF – No Failure

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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GAUGE	WIDTH (*)	LENGTH	COLORS		FOAM DENSITY			LINERS	
			WHITE	BLACK	2#	3#	5#	KRAFT	PE
1/32"	60"	216'	●	●			●	●	○
1/16"	60"	108'	●	●		●		●	○
3/32"	60"	108'	○	○		○		○	○
1/8"	60"	108'	●	●	○	●		●	○

● - Standard, ○ - Available Option / Minimum Quantity Requirement
 (*58" Usable)

APPLICATION

- Arlon Innovations foam mounting tape must be applied with firm, uniform pressure to a clean, dry surface without stretching.
- 15% minimal compression is recommended to provide an effective moisture seal.
- Recommended application temperature: 40°F to 100°F (for lower temperature applications, contact Arlon Innovations for additional information).
- Arlon Innovations foam tape in-service temperature range: -40°F to 180°F.

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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