



TECHNICAL DATA SHEET

10S – Double Coated Foam Tape

Arlon Innovations 10S is a pressure-sensitive foam mounting tape with a highly aggressive solvent synthetic rubber adhesive. EVA cross-linked polyethylene copolymer foam provides superior strength and durability. 10S tape is suitable for use on smooth finishes including wood, metal, and plastics.

PRODUCT ATTRIBUTES

- Permanent Bond
- Bonds well to low energy surfaces
- Suitable for use in applications where moisture resistance is required
- Combines good initial tack with high shear and peel strength
- High cohesive strength / high shear strength adhesive provides clean glue line
- Recommended for smooth surfaces. Use 10C product for rough or irregular 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	80+ oz/in (FT)	PSTC - 5
PEEL ADHESION @72°F on SS 15 minutes 24 hours	100+ oz/in (FT) 100+ oz/in (FT)	PSTC - 101
SHEAR ADHESION @72°F 1" x 1" x 1000g	200+ hours (NF)	PSTC - 107
PRODUCT CONSTRUCTION Liner Thickness Liner Basis Weight Adhesive type	3.0 mil 55 lb Solvent Rubber	

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'	●	●	○	●		●	○
1/4"	60"	54'	○	○	○			○	○

● - 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).
- Recommended service temperature range: -20°F - 165°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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