



TECHNICAL DATA SHEET

10D - Double Coated Foam Tape

Alamotape® 10D 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. 10D tape is suitable for use on polyethylene, polypropylene and other difficult to bond to surfaces.

PRODUCT ATTRIBUTES

- Permanent bond especially 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 and high shear strength adhesive provide clean glue lines
- Low density 1/8" foam provides good conformance to textured and rough 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 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	9 psi (25%)	AAMA 810.1.08
COMPRESSION/DEFLECTION	10.7 psi	AAMA 810.1.08
COMPRESSION SET	2.0%	AAMA 810.1.08
WATER ABSORPTION	2.4% (by weight)	AAMA 810.1.08
THERMAL CONDUCTIVITY	0.32 BTU/(hr) (ft ²) (°F/in)	K factor @ 70°F
180° PEEL @72°F ON SS		
15 minutes	120+ oz/in (FT)	PSTC - 101
24 hours	120+ oz/in (FT)	
180° PEEL @72°F ON HDPE		
15 minutes	80+ oz/in (FT)	PSTC - 101
24 hours	80+ oz/in (FT)	
SHEAR STRENGTH @72°F on SS	100+ hours (NF)	PSTC - 107
LOOP TACK @72°F	80+ oz/in (FT)	PSTC - 5

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



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GAUGE	WIDTH*	LENGTH	COLORS		FOAM DENSITY			LINERS	
			WHITE	BLACK	2#	3#	5#	KRAFT	PP
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

- Alamotape foam mounting tape must be applied with firm, uniform pressure to a clean, dry surface without stretching.
- Minimal compression of 15% is recommended to provide an effective moisture seal.
- Recommended application temperature: 40°F to 100°F (for lower temperature applications, contact Alamotape for additional information).
- Recommended service temperature range: -20°F to 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).

Product performance will vary in each application and is dependent upon composite construction. Alamotape 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.