



Arlon Innovations 210.798.1900
6110 Rittiman Road 800.549.9860
San Antonio, TX 78218 arloninnovations.com

TECHNICAL DATA SHEET

REM100 – Removable/Permanent Foam

Arlon Innovations REM100 is polyethylene foam coated on both sides with a pressure-sensitive adhesive.

The unwind side is coated with a rubber adhesive designed to permanently bond the foam to a desired substrate. The other side is coated with a light tack, light bond, removable adhesive designed to temporarily anchor the structure to a countertop or other surface.

Arlon Innovations REM100 is ideal for use in point-of-purchase countertop advertising or for other applications where temporary, light-duty mounting may be required.

PRODUCT ATTRIBUTES

- Permanently bonds to “top” substrate, resists peeling & delamination
- The removable adhesive is strong enough to form a secure bond until ready for removal
- A high cohesive strength temporary adhesive removes cleanly without adhesive residue
- Durable, high strength cross-linked polyethylene foam core
- Water resistant adhesives – however product is not recommended for immersion or prolonged exposure

STANDARD SIZES AND COLORS

THICKNESS	WIDTH	LENGTH	COLOR
1/32"	60"	216'	Black, White
1/16"	60"	108'	Black, White
1/8"	60"	70'	Black, White

**Custom sizes are available upon request.*

REPRESENTATIVE PHYSICAL PROPERTIES

PROPERTY	UNWIND SIDE	LINER SIDE	TEST METHOD
TACK @72°F	45 oz/in (FT)	4 oz/in (CP)	PSTC – 105
PEEL ADHESION @72°F on SS 15 min 24 hr	70 oz/in (FT) 70 oz/in (FT)	9 oz/in (CP) 12 oz/in (CP)	PSTC – 101
PEEL ADHESION @149°F on SS 72 hr	70 oz/in (FT)	9 oz/in (CP)	PSTC – 9
SHEAR ADHESION @72°F 1" x 1" x 1000g	100+ Hours	2+ Hours	PSTC – 107

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	UNWIND SIDE		LINER SIDE
PRODUCT CONSTRUCTION Liner Thickness Liner Basis Weight	3 mil 55 lb		
ADHESIVE Thickness Type	2 mil Permanent Water Rubber	1 mil Removable Water Acrylic	

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

			COLORS		FOAM DENSITY			LINERS	
GAUGE	WIDTH (*)	LENGTH	WHITE	BLACK	2#	3#	5#	KRAFT	PE
1/32"	60"	216'	●	○			●	●	○
1/16"	60"	108'	●	○		●		●	○
1/8"	60"	70'	●	○		●		●	○

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

APPLICATION

- Ensure that all surfaces are clean, dry and free from excessive dust prior to installation.
- Recommended application temperature is above 50°F (for lower temperature applications, contact Arlon Innovations for additional information).
- Arlon Innovations flame-retardant general-purpose tape in-service temperature range: -20°F to 150°F.

STORAGE

- Shelf Life: one (1) year
- Store in a clean area free from exposure to excessive heat, moisture or direct sunlight (45% to 55% relative humidity, 50°F to 80°F).

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