



TECHNICAL DATA SHEET

REM300HP – PET Reinforced Removable Foam Mat

Arlon Innovations REM300HP foam mat is polyethylene foam coated on side with a pressure-sensitive adhesive and reinforced on the other with PET tape coated with repositionable adhesive. The liner side is coated with an acrylic adhesive designed to permanently bond the mat to a desired substrate. The unwind side is a light tack, light bond, repositionable adhesive designed to temporarily anchor the structure to a countertop or other surface.

Arlon Innovations REM300HP 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

REPRESENTATIVE PHYSICAL PROPERTIES			
PROPERTY	LINER SIDE	UNWIND SIDE	TEST METHOD
DENSITY	3 lb/cu ft		ASTM D – 1667
TACK @72°F	40 oz/in (FT)	11 oz/in (A)	PSTC - 105
PEEL ADHESION @72°F on SS 15 min	33 oz/in (FT)	11 oz/in (A)	PSTC - 101
SHEAR ADHESION @72°F 1" x 1" x 1000g	100+ hours (C)	200+ hours (C)	PSTC - 107
PRODUCT CONSTRUCTION Liner Basis Weight Adhesive Type	55 lb Aqueous Acrylic		
ADHESIVE THICKNESS	2 mil	0.8 mil	

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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APPLICATION

- Arlon Innovations foam tape must be applied with firm, uniform pressure to a clean, dry surface without stretching.
- Recommended application temperature: Above 50°F (for lower temperature applications, contact Arlon Innovations for additional information).
- Arlon Innovations foam tape in-service temperature range: -40°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).

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