



**TECHNICAL DATA SHEET**

## RST – Sealant Tape

Arlon Innovations RST foam tape is a highly versatile single side coated tape designed to be durable and to provide a reliable seal in pressure-fitted moisture seals. RST tape uses a rubber pressure-sensitive adhesive that has aggressive instant tack characteristics. The cross-linked polyethylene foam has excellent mechanical properties and resists degradation upon exposure to UV light, heat and water. RST tape is suitable for use as a gasket material where long-term durability is required.

### 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
- Low density 1/8" foam provides good conformance to textured and rough surfaces

STANDARD SIZES AND COLORS				
THICKNESS	DENSITY	WIDTH	LENGTH	COLOR
1/32"	5 lb/cu ft	60"	216'	Black, White
1/16"	3 lb/cu ft	60"	108'	Black, White
1/8"	3 lb/cu ft	60"	54'	Black, White
1/4"	2 lb/cu ft	60"	50"	Black

\*Custom sizes are available upon request.

REPRESENTATIVE PHYSICAL PROPERTIES		
PROPERTY	VALUE (1/32" FOAM)	TEST METHOD
<b>DENSITY</b>	5 lb/cu ft	ASTM D – 1667
<b>TACK @72°F</b>	80+ oz/in (FT)	PSTC - 5
<b>PEEL ADHESION @72°F ON SS</b> 15 min	100+ oz/in (FT)	PSTC - 101
<b>SHEAR ADHESION @72°F</b> 1" x 1" x 1000g	1000+ hours (NF)	PSTC - 107
<b>PRODUCT CONSTRUCTION</b> 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.*



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

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### 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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