



**TECHNICAL DATA SHEET**

# RMR727EA

## Class B 130°C Insulation

RMR727EA is a flexible composite insulation composed of 100% pure cotton rag paper and electrical grade polyester film laminated with a high performing, high temperature resistant laminating adhesive system. A thermosetting epoxy coating on the outside of the laminate provides excellent structural adhesive properties for electrical applications.

### PRODUCT ATTRIBUTES

- Excellent Thermal Stability
- High Dielectric Strength
- Mil-I-19631 certified

REPRESENTATIVE PHYSICAL PROPERTIES		
PROPERTY	VALUE	TEST METHOD
NOMINAL THICKNESS, inches	0.016	ASTM D374
YIELD		
Square Yards per Pound	0.99	
Pounds per Square Yard	1.01	
DIELECTRIC STRENGTH (Volts - 2" electrodes)	13,500	ASTM D149
TENSILE STRENGTH (psi)		
Machine Direction (MD)	213	ASTM D828
Cross Machine Direction (XMD)	166	
BOND STRENGTH OF ADHESIVE	Exceeds strength of substrate	
LAMINATION PARAMETERS		
Temperature (°F)	350	
Time (minutes)	45	
Pressure (psi)	50-100	

Lamination parameters are intended as guidelines only. Alamotape® strongly recommends that each manufacturer optimize the lamination parameters to each specific application.

### STORAGE

- Shelf life: one (1) year
- Store in a clean area free from exposure to excessive heat, moisture or direct sunlight (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.