



TECHNICAL DATA SHEET

RMR10510EA

Class B 130°C Insulation

RMR10510EA 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	0.025 inches	ASTM D374
YIELD		
Square yards per pound	0.66	
Pounds per Square Yards	1.51	
DIELECTRIC STRENGTH, Kv (volts 2' dia. electrodes)	14,000 Volts	ASTM D149
EPOXY BOND STRENGTH	Exceeds strength of substrate	
TENSILE STRENGTH, lb/in width		
Machine Direction (MD)	260	ASTM D828
Cross Machine Direction (XMD)	125	
LAMINATION PARAMETERS		
Temperature	350°F	
Time	45 minutes	
Pressure	50 - 100 psi	

STORAGE

- Shelf life: one (1) year from date of shipment.
- 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.