



TECHNICAL DATA SHEET

KM13

Class A 105°C Insulation

A flexible composite insulation composed of 1 mil Kraft paper and 3 mil electrical grade polyester film laminated with a high temperature adhesive system.

PRODUCT ATTRIBUTES

- Good thermal stability and excellent electrical properties
- High tensile, tear, and burst strength
- UL 1446 105°C and recognized insulation system, file E60273

REPRESENTATIVE PHYSICAL PROPERTIES		
PROPERTY	VALUE	TEST METHOD
NOMINAL THICKNESS, inches	0.004	ASTM D374
YIELD		
Square Yards per Pound	3.61	
Pounds per Square Yard	0.28	
DIELECTRIC STRENGTH (Volts - 2" electrodes)	13,000	ASTM D149
TENSILE STRENGTH (psi)		
Machine Direction (MD)	73	ASTM D828
Cross Machine Direction (XMD)	87	
YIELD STRESS (psi)	50	
ELONGATION (%)	196	

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.