



A FLEXcon Holdings Company

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TECHNICAL DATA SHEET

410MXM272

Class H 180°C Insulation

A composite laminate of type 410 Nomex® aramid fiber sandwiched between two electrical grade polyester films, bonded by a high temperature structural adhesive system.

PRODUCT ATTRIBUTES

- Excellent Thermal Stability, Electrical properties
- Excellent Mechanical Properties
- Excellent Thermal Conductivity

REPRESENTATIVE PHYSICAL PROPERTIES		
PROPERTY	VALUE	TEST METHOD
NOMINAL THICKNESS, inches	0.011	ASTM D374
YIELD		
Square Yards per Pound	1.99	
Pounds per Square Yard	0.50	
DIELECTRIC STRENGTH (Volts - 2" electrodes)	12,500	ASTM D149
TENSILE STRENGTH (psi)		
Machine Direction (MD)	212	ASTM D828
Cross Machine Direction (XMD)	151	

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.