TECHNICAL DATA SHEET

464NMN222
Class H 180°C Insulation

A series of composites of type 464 Nomex® aramid fiber and electrical grade polyester film laminated with a high-temperature adhesive system.

PRODUCT ATTRIBUTES

- Excellent thermal stability and conductivity
- Excellent mechanical properties
- Excellent electrical properties

REPRESENTATIVE PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD
NOMINAL THICKNESS, inches	0.006	ASTM D374
YIELD Square yards per pound Pounds per Square Yards	3.53 0.28	
DIELECTRIC STRENGTH (Volts – 2" electrodes)	11,000	ASTM D149
TENSILE STRENGTH (psi) Machine Direction (MD) Cross Machine Direction (XMD)	95 70	ASTM D828

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. 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.

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