

**Technical Data Sheet**

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# 5F Nomex Paper

**Product Description**

5F adhesive tape is based on thin Nomex Aramid synthetic paper perfect for electrical insulation applications requiring high flame and heat resistance.

Suitable for motor industry in phase insulation and coil end insulation withstanding the thermal stresses of soldering. It is ideal for heating ovens and similar appliances.

**Features**

- Very Conformable
- Meets Thermal Class
- UL Approved
- High Temperature Performance

**Main Applications**

- Motor Industry Phase insulation
- Coil Winding
- Transformer Insulation

**Technical Data**

	Units	Std. Values
Total Thickness	µm	100
Backing Thickness	µm	50
MD tensile strength	N/cm	35
MD elongation at break	%	5
Peel Adhesion	N/cm	5
Service Temperature (up to)	°C	155
Dielectric Strength	kV	0,8
Class		B

**Backing material**

Nomex Paper

**Type of adhesive**

Acrylic Solvent

**Available colour**

Beige

**Technical Information and Product Use**

All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. Figures shown refer to average values only, based on tests carried out in conditioned laboratory and are not valid for specification. The company reserves the right to modify or change the products at any time without notice. The accuracy or completeness of such information is not guaranteed. The technical information, suggestions and other statements contained in this document have been compiled for your guidance and usage. PPM Industries reminds the user of the products to make sure that the product is used as per the instructions and suggestions provided. It is the user's sole responsibility to determine the suitability of the product in actual application under specific conditions.

**Storage and Shelf Life**

Suggested storage in dry area away from direct sunlight temperature should range from 59°F / 15°C to 77°F / 25°C with max relative humidity of 50%. Tape and jumbo roll should be used respectively within 12 months and 6 months from date of manufacture. PPM Industries does not take responsibility for the defective material if is not stored and used in accordance with the conditions listed above.