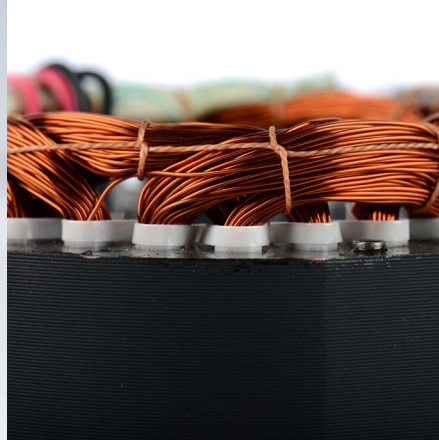


Flexible Insulation Laminates

Alamotape® Flexible Insulation Laminates have been developed to meet the most demanding requirements of Military, Industrial, Commercial, and Consumer Specifications. Typical applications include ground, phase, wedge, and other insulations in motors, generators, dry-type transformers, bus ducts, wire, cable, thermal protective devices, and more.



**THERMAL
&
DIELECTRIC
RESISTANCE**



**STANDARD
&
CUSTOM
SOLUTIONS**

APPLICATIONS

- Slot insulation in electric motors
- Turn-to-turn insulation in power generators
- Phase-to-phase insulation in low voltage circuit breakers
- Ground barrier insulation in dry type transformers
- Layer insulation in dry type transformers



PERFORMANCE & PHYSICAL DATA

TEMPERATURE CLASS	PRODUCT	DESCRIPTION	APPLICATIONS
CLASS A - 105C	KM & KMK	- 100% virgin fiber electrical Kraft paper (2 - 10 mil) - Electrical Grade PET film (1 - 4 mil) - High temp laminating adhesive	- Slot, phase, and top insulation for motors & generators - Ground, barrier, and layer insulation for dry type transformers
	RM - RMR	- 100% pure cotton Rag paper (3 - 15 mil) - Electrical Grade PET film (1 - 14 mil) - High temp laminating adhesive	- End turn in motors and generators - Formed and fabricated parts
CLASS F - 155C	DM70 & DMD70	- Nonwoven polyester mat (2 - 5 mil) - Electrical Grade PET film (1 - 14 mil) - High temp laminating adhesive - 70% filled with resin	- Phase insulation for random wound motors - Armor tape for low voltage form wound and generation coils - Layer and barrier insulation in dry type transformers - Slot insulation in motors & transformers
	DM100 & DMD100	- Nonwoven polyester mat (2 - 5 mil) - Electrical Grade PET film (1 - 14 mil) - High temp laminating adhesive - 100% filled with resin	- Phase insulation for random wound motors - Armor tape for low voltage form wound and generation coils - Layer and barrier insulation in dry type transformers - Slot insulation in motors & transformers - Excellent slot cell insulation for random and form wound rotating apparatus, manual or auto insertion
CLASS H - 180C	NM & NMN	- Meta-Aramid paper (2 - 5 mil) - Electrical Grade PET film (1 - 5 mil)	- Slot & phase insulation for motors & generators
	NME & NMNE	- High temp laminating adhesive	- End turn, layer, and ground insulation - Insulation in dry type transformers
CLASS R - 220C	NK & NKN	- Meta-Aramid paper (2 - 5 mil) - Polyimide film (1 - 5 mil) - High temp laminating adhesive	- Insulation for aircraft generators - Armature slot insulation for traction motors - Barrier & ground insulation in dry type transformers - Tape for traction and DC motor armature coils - Slot and phase insulation for motors in high temperature environments
	Epoxy Coated Nomex	- Meta-Aramid paper (2 - 20 mil) coated with a thermosetting (b-stage) adhesive	- Magnet wire insulating tapes - Turbine rotor coil insulation - Form wound coil turn-to-turn bond strip - Outer wrap for dry type transformers - Hi-lo barrier for dry type transformers - Voice coil insulation - Motor reactor coils

FEATURES

- All products are UL1446 certified at the stated temperature class
- High dielectric strength
- Easy fabrication and forming
- High tensile, tear, and burst strength

Alamotape
6110 Rittiman Road
San Antonio, TX 78218
210.798.1900
800.549.9860
alamotape.com

