

Flexible Electrical Insulation Laminates

Flexible laminates are available in DMD, NMN, and NHN configurations. These laminates offer dielectric strength and thermal stability for electrical equipment.



Product Overview

High-Performance Electrical Insulation

Flexible laminates are engineered by bonding distinct flexible materials using specialized adhesives to create robust insulation solutions. These materials, including polyester film, polyimide film, polyester non-woven, Nomex paper, presspaper, and glass fabric, are combined into 2-layer, 3-layer, or multi-layer configurations. Designed for critical electrical applications, these laminates provide superior dielectric strength and thermal stability, with options for resin coating to meet specific performance requirements.

Technical Specifications

Layer Structure

- 2 Layers
- 3 Layers
- Multi-layers

Base Materials

- Polyester film
- Polyimide film
- Polyester non-woven
- Nomex paper (polyaramid paper)
- Presspaper
- Glass fabric

Available Configurations

DMD (Dacron/Mylar/Dacron), NMN (Nomex/Mylar/Nomex), NHN (Nomex/H-Class Film/Nomex), Prepreg

Application & Features

Performance Features

Excellent Dielectric Strength • High Thermal Stability • Superior Mechanical Properties • Resin-Coated Options

Typical Applications

- Electric Motors
- Transformers
- Electrical Equipment