

Bi-axially Oriented Polyester Film



1.Name: Electrical insulation base film

Type: EL: untreated; ELD: Single side corona

Specifications

Thickness	Width	Roll OD	Roll ID
23~125um	500~1600mm	320~650mm	76mm(3"),152mm(6")

Characteristics

- ✧ High tensile strength and tenacity.
- ✧ Outstanding chemical inertness and electrical insulation property.

Applications

- ✧ Many electrical and electronic applications.
- ✧ Coating, die cutting, embossing, and laminating.

2.Name: Wire and cable base film

Type: WC: untreated; WCD: Single side corona

Specifications

Thickness	Width	Roll OD	Roll ID
19~350um	500~1600mm	320~650mm	76mm (3"), 152mm (6"), 254mm (10")

Characteristics

- ✧ Strong tensile strength and tenacity. Good tear resistance.
- ✧ High dielectric strength and good electrical insulation property.
- ✧ Good processibility.

Applications

- ✧ Electrical insulation for electrical wires and cables in telecommunications and power transmission.
- ✧ The film of 250 to 350mm laminated with fish paper can be used as electrical insulation material.

3.Name: shrinkage electrical insulation base film

Type: HEL: no surface treatment; HELD: corona treatment on one surface

Specifications

Thickness	Width	Roll OD	Roll ID
23~125um	500~1600mm	320~650mm	76mm (3"), 152mm (6")

Characteristics

- ✧ High heat shrinkage.
- ✧ Good electrical insulation property.
- ✧ Strong tensile strength and good tenacity
- ✧ High transparency

Applications

Shrinkable electrical insulation base film is mainly for electric and electronic insulation applications with high heat shrinkage requirements..

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4.Name: Capacitor base film

Type: C, FC, 6022

Specifications

Thickness	Width	Roll OD	Roll ID
3.5~25um	300~1400mm	320~480mm	76mm (3"), 152mm (6")

Characteristics

- ✧ Good electrical insulation.
- ✧ Good dielectric property.
- ✧ Chemical inertness
- ✧ Stable shrinkage and thickness

Applications

Capacitor base film is mainly used as the dielectric in film capacitors and also as the insulation in transformers and solenoids.

5.Name: MTS base film

Type: EC, S: untreated; ECD: single side corona treated

Specifications

Thickness	Width	Roll OD	Roll ID
50~125um	400~1500mm	320~650mm	76mm (3"), 152mm (6")

Characteristics

- ✧ Good dimensional stability at high temperature. Almost no MD and TD heat shrinkages.
- ✧ Good flatness even after heating
- ✧ Good printability

Applications

MTS base film is used in membrane touch switch applications in many consumer and industrial products, such as the flexible circuits of automobile instruments, computers, calculators, telephones, digital cameras and electric appliances.

6.Name: Motor film

Type: EM

Specifications

Thickness	Width	Roll OD	Roll ID
125~350um	500~1500mm	320~600mm	76mm (3"), 152mm (6")

Characteristics

- ✧ Good mechanical strength.
- ✧ Good electrical insulation property.
- ✧ Good heat resistance
- ✧ Matt appearance
- ✧ Good processibility

Applications

Motor film is mainly used as insulation materials for motors and generators as well as wires and cables.