

*ISO 9001:2015 & ISO 14001:2015
ISO 14064:2018 & ISO 14067:2018
ISO 27001:2022 & ISO 50001:2018
CERTIFIED MANUFACTURER*

UPDATE SEDEX, BSCI, WCA, FSC, REACH & RoHS



Electrical Insulation Tape Series

2024

A GLOBALLY ORIENTED MANUFACTURER OF SELF-ADHESIVE TAPE

PVC Insulation Tape

No. **PIG01, PIA01, PIY01, PI101, PI501, PIB01**

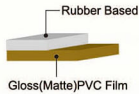


PIG01: Gloss finish film for general electrical purposes.
PIA01: Matte finish film for general electrical purposes.
PIY01: Matte finish film and flame retardant for electrical wire harness purposes in the automobile industry.
PI101 & PI501: UL approved, matte finish film for general electrical purpose. (PI501: Flame retardant)
PIB01: UL & CSA approved, gloss finish film with flame retardant for degaussing coils. Low lead and low cadmium.

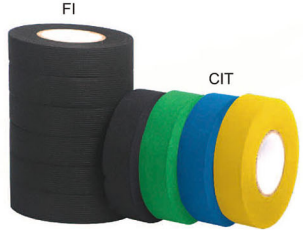
Usage

- Electrical wire.
- Automobile harness and wire.
- Electronic industry.

Structure



Fabric Insulation Tape No.FI Cotton Insulation Tape No.CIT



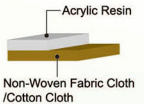
Fabric insulation tape: Made from flame-retardant non-woven fabric cloth as carrier, environmentally friendly, flexibly, fast and easy application.

Cotton insulation tape: Made from pure cotton fibre as backing materials.

Usage

- Electrical cables insulating.
- Cable wrapping and bundling.
- Cable reinforcing and protecting.
- Electrical repair.

Structure



Performance								
Items	PIG01	PIY01	PIA01	PI101	PI501	PIB01	FI	CIT
Backing	Gloss PVC Film	Matte PVC Film				Gloss PVC Film	Non-Woven Fabric Cloth	Cotton Cloth
Adhesive	Rubber Based					Rubber Based	Acrylic Emulsion	Acrylic Solvent
Colors.	Red, Yellow, Blue Green, White, Black Clear, Yellow/Green	Red, Yellow, Blue Green, White, Black Yellow/Green	Red, Yellow, Blue, Green, White, Black			Black		Blue Green, Yellow
Adhesion To Steel (N/in)				≥ 3.4			≥ 4.0	
Tensile Strength (N/in)	≥ 47	≥ 45	≥ 47	≥ 65		≥ 69	≥ 89	
Elongation (%)	150			180		200	25	
Total Thickness (mm)	0.130 ±10%	0.120 ±10%	0.130 ±10%	0.180 ±10%		0.190 ±10%	0.300 ±10%	0.400 ±10%
Dielectric Breakdown(V)	4000	4000	4000	7000		7500	2500	1000



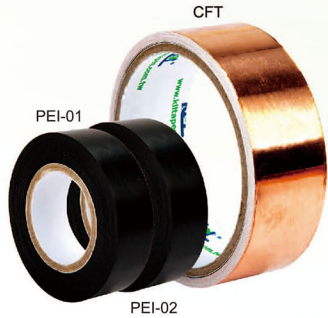
High-Voltage Self-Fusing Rubber Tape No.SFRT Electroplating Tape No.ELT



High-voltage self-fusing rubber tape:
Excellent protective overwrap for terminating high-voltage cables.

Electroplating tape: Primarily used for electroplating and anodizing, no glue residue and can resist 200 degree celsius.

PE Insulation Tape No.PEI-01, PEI-02 Copper Foil Tape No.CFT



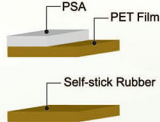
PE insulation tape: Environmentally friendly PE material, good insulation, high voltage and temperature resistant, flame retardant.

Copper foil tape: Made of thin pure copper so it's extremely flexible and can take on nearly any shape. It can carry current just like a wire. Generally used for EMI shielding, working with EL, making capacitive touch pads, ultra-thin wiring needs, etc.

Usage

- Insulation sealing of connection of wire and cable.
- For pipeline protection, remedy and sealing.

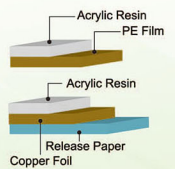
Structure



Usage

- Electrical repair.
- Cable reinforcing and protecting.
- Cable wrapping and bundling.
- EMI shielding.
- Making capacitive touch pads.
- Ultra-thin wiring needs.

Structure



Performance

Items	SFRT	ELT	PEI-01	PEI-02	CFT
Backing	Self-stick Rubber	PE Film	0.10mm PE Film	0.17mm PE Film	Copper Foil
Adhesive	N/A	PSA	Acrylic Emulsion		
Colors	White, Black	Clear, Color	Black		Yellow
Adhesion To Steel (N/In)	N/A	≥ 9.8	≥ 39	≥ 44.1	≥ 8
Tensile Strength (N/In)	N/A	176-294	≥ 39	≥ 44.1	≥ 74
Elongation (%)	500	50-100	≥ 200	≥ 500	≥ 8
Total Thickness (mm)	0.800±10%	0.055~0.085	0.120±10%	0.190±10%	0.210±10%

