



**无锡统力电工有限公司**

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**COMPOUND INSULATION WINDING WIRE**

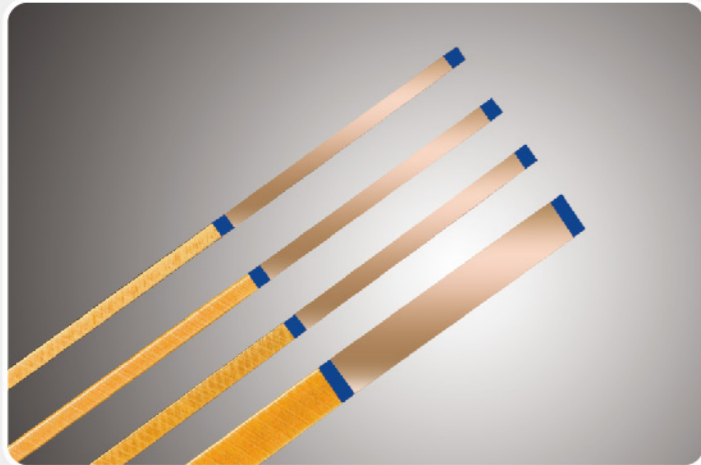
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## Product introduction

Compound Insulation Winding Wire are widely used for the winding of motors and generators with high mechanical strength, heat resistance, solvent resistance, corona resistance and other property.

Toly Electric is professional manufacturer of copper & aluminum winding wire with compound insulation. The production equipments are designed with advanced technique of world and manufactured by Toly Electric who has many years experience of manufacturing high level winding wires. The main pull strength of wire and wrapping strength of insulation are constantly controlled. The production advantages is obviously including precisely insulation wrapping, smoothly insulation layer, flexibility of conductor and reliable sizing.



## Product type

- Glass fiber insulation wire
- Polyester fiber and glass fiber insulation wire
- Glass fiber coated enamelled wire
- Glass fiber+film insulation wire
- Glass fiber+mica tape insulation wire
- Glass fiber+ mica tape+film insulation wire

Above products can be produced according to customer requirement.

## Technical parameters

### Recommended conductor size

- Rectangular Conductor: Thickness 1.00~6.00 mm, Width 3.00~16.00 mm
- Round Conductor: Diameter 2.50~5.00 mm

### Recommended Insulation

- Double glass fiber insulation increase(double side): 0.20 mm、 0.30 mm、 0.40 mm
- Mixed polyester fiber and glass fiber insulation increase(double side): 0.20 mm 、 0.30 mm、 0.40 mm
- Enamel+Glass fiber insulation increase(double side): 0.20 mm、 0.30 mm
- Film+Glass fiber insulation increase(double side): 0.30 mm、 0.40 mm、 0.50 mm
- Mica tape+Glass fiber insulation increase(double side): 0.60 mm、 0.80 mm
- Film+Mica tape+Glass fiber insulation increase(double side): 0.60 mm、 0.70 mm、 0.90 mm

Insulation could be designed & compounded by customer.

## Material Standard

### Conductor

- The copper conductor is made from high quality oxygen free copper rod,oxygen content less than 20 ppm and electric conductivity more than 100% after annealing
- The aluminum conductor is made from high quality aluminum rod, the electric conductivity more than 62% after annealing

Wrapping material: high quality insulation material from domestic and foreign market

- Glass fiber
- Mixed polyester fiber and glass fiber
- Glass fiber tape
- Polyimide tape
- Mica tape

Customer could appoint the brand,type and size of insulation material

## Product Packing

Recommended bobbin specification of compound Insulation wire

Size	Side plate	Barrel	Out width	Inner width	Center hole	Load
500#	500	250	290	250	40	150kg
600#	600	300	240	200	45	180kg
720#	720	350	290	250	50	280kg

