



**Fibreglass Polyimide Film Insulated Covered Wire**

1. Production introduction:

Fiberglass Polyimide Film insulated covered round & flat aluminum strip wire, it is wrapped by Polyimide Film, after that wrapped by single or double fibre, with the required temperature resistance index of insulating varnish for dipping, baking processing, so that the glass fiber, glass fiber and film, conductor, form a whole body. Fiber glass Polyimide Film insulated covered round & flat aluminum strip wire product has a high resistance to high voltage breakdown value, 130, 155, 180, four 200 grades, widely used in reactors, transformers, motors, or other similar electrical appliance products..

2. Product specs:

Insulation:

Basecoat: Polyimide Film

Overcoat: 1-3 layers of glass-fibre yarn

Fiberglass Polyimide Film insulated covered flat aluminum strip wire

Thickness: 0.8mm--7mm

Width: 2.0mm--16.0mm

Temp Class : 155, 180

Standard : IEC, NEMA, GB, JIS

Fibre Polyimide Film insulated round strip wire

Diameter: 1.7mm--6mm

Resistivity : copper  $20^{\circ}\text{C} \leq 0.017241\Omega(\text{mm})^2/\text{m}$  , Aluminum  $20^{\circ}\text{C} \leq 0.028000\Omega(\text{mm})^2/\text{m}$

Package : PT-25, PT-30, 30kg/50kg/150kg wooden Spool according to customers requirements

Special spec can be made as well if request.

3. Fiberglass Polyimide Film insulated covered round & flat strip wire follow the standard of GB5584.3-2009, electrical resistivity at  $20^{\circ}\text{C}$  is above  $0.028 \Omega\text{-mm}^2/\text{m}$ .

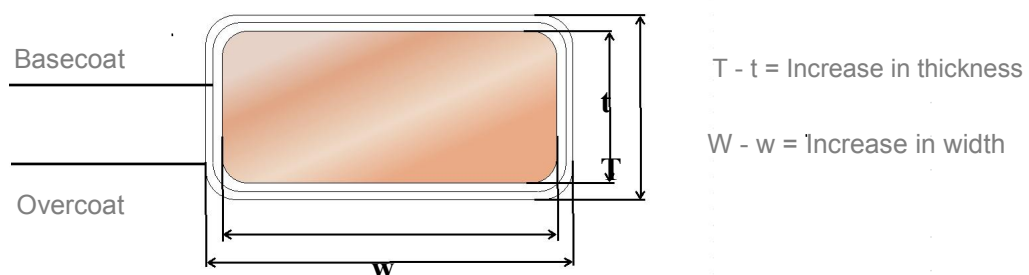
4. Insulation thickness and voltage breakdown value shall follow the below standard.

Feature :

Wrapped smoothly and tightly, without missing layers, bright and clean

Material :

Drawing or extruding bare wire confirm to National Standard. smooth surface, no defects





Fiberglass Polyimide Film Covered Wire

Product	Insulation thickness/mm	Tolerance%	Minimum breakdown voltage value/V
Fiberglass Kapton Polyester Film Insulated Covered Round & Flat Aluminum Strip Wire	0.20	±15%	2500
	0.30	-15%	
	0.40		
	0.50		5000
	0.60		
	0.70		6000
	0.80		
	0.90		