

Electric Heating Wire 105°C 300V

Product Description

- Solid or stranded Resistance wire Alloy conductor
- Heating conductor spirally applied around a polyester (or glass) fiber core.
- Lead free PVC insulation.
- Rated temperature: 105°C; Rated voltage: 300Volts.
- Passes UL Horizontal flame test.

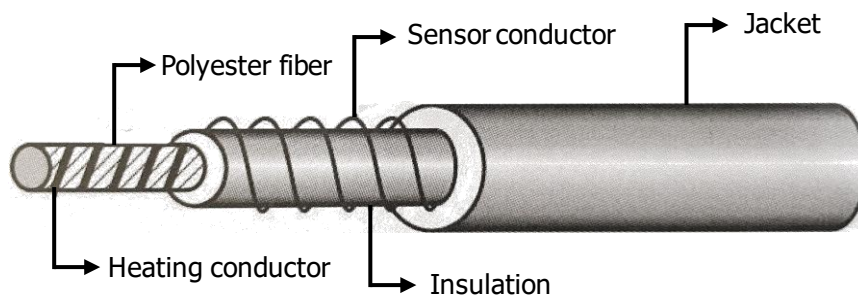
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 300 Volts.

Applications

- Heating element in electric blanket and electric carpet-etc.

Structure & electrical properties



Polyester Fiber	Heating Conductor		Insulation		Sensor conductor		Jacket		Maximum Conductor Resistance (Ω/km)
	Diameter (mm)	Diameter (mm)	Resistance (Ω/km)	AVG. Thickness (mm)	Overall Diameter (mm)	Diameter (mm)	Resistance (Ω/km)	AVG. Thickness (mm)	
0.45±10%	≥0.0635	±7%	0.15	1.20±0.05	No Regulations	±2%	0.45	2.10±0.10	15

Remark: Our company can design and produce heating wire resistance from 0.5~12,000 Ω and the color can be chosen by the customer.