



Technical DATA

JACOBS KE28 Rubber Mastic Tape



KE28 is a conformable self fusing electrical insulating and waterproof sealing tape, suitable for application over irregular surface. It consists of an EPR (ethylene propylene rubber) backing coated with an aggressive, temperature-stable mastic adhesive. KE28 is used for electrical insulating and moisture sealing applications, with working temperature of 90 ° C and an emergency overload temperature 180°C.

01 Specification

50mm (W) x 3m (L) x 1.65mm (T)

02 Product Features

- Conformable for application over irregular surfaces
- Compatible with solid dielectric cables and wires
- Self fusing tape
- Flexible over wide temperature range
- Excellent weather and moisture resistance, sealing properties
- Excellent adhesion with copper, aluminum and power cable jacket materials
- Easy to use, no need heating and special tools

03 Application range

- Primary insulation for cable and wire connections rated up to 1000 volts
- Insulation for motor leads rated up to 1000 volts
- Primary electrical insulation for bus bar connections rated up to 35 KV
- Padding for irregular shaped connections
- Waterproof sealing of connections of telecommunications equipment base stations, antennas, feeders, etc
- Waterproof sealing protection of overhead insulated wire joint
- Moisture sealing for ground wire, cable and wire connections
- Jacket seal and repair on power cable applications

04 Instructions

1. Clean the dirt on the connections of cables and wires

2. Peel off the release paper, fully stretch the tape to maintain a certain tensile strength
3. Stick the adhesive side on the objects to achieve better conformable ,waterproof and sealing effect
4. Continue applying half-overlap wraps, at least 2 layers
5. Apply final overwrap with zero stretch, press the tape for a moment
6. Wrap 2 layers PVC electrical tape on the KE28 tape for mechanical protection

05 Technical Parameters

Property	Typical Value
Thickness	1.5mm
Tensile Strength	1.70 Mpa
Elongation at break	550 %
Temperature	90°C
Emergency overload temperature	180 °C
Dielectric Strength	22 KV/mm
Fusion	Pass
Ozone Resistance	Pass
UV Resistance	Pass

The above data is typical value, should not be regarded as actual specifications.

APPLICATION SCENARIO

- Primary insulation for cable connectors
- waterproof sealing of Bus Bar
- Protection sealing of buried cables

