Technical DATA

Jacobs 30

Fiber Glass reinforced silicone tape

Jacobs 30 is a fiber glass reinforced tape,composed of self-fusing inorganic silicone rubber with easy-tear liner. It has excellent electrical and physical properties,used for sealing, insulation and fixing the wrapped objects.The elongation of tape is controlled, but highly improving the tear and tensile strength. Its high conformable makes it suitable for any irregular surface.

01 Specification

0.5mm(T) x 25mm(W) x 11m(L)
0.5mm(T) x 25mm(W) x 3m(L)

02 Product Features

- Controlled elognation and improved tear and tensile strenghth
- High conformable, suitable for wrapping wire harness,elbows and T-joints
- Self fusing
- Excellent waterproof,acid resistant,UV resistant
- Self fused rapidly, forming a stable,airtight, waterproof and sealing layer
- No need heating and other tools,suitable for wide range temperature
- Long service life with cable
- Vibration reduction

03 Application range

- Quickly repairing high pressure leaking pipes
- Wrapping and fixing cables and wires
- Wrapping and Insulation for high temperature condition in special manufacturing
- Insulation of cable braids and terminals
- Insulation and sealing of electrical connections
- Insulation of motor field armature and interpole coil
- Insulation of the connections between coil's wire and bus-bar
- Insulation of electromagnetic coil
- Wrapping and repairing aging insulation parts of regenerative motor

04 Instructions

1、Clean dust, oil, etc. on the cable joints
2、 Remove the isolation film of Jacobs30 stretch the tape, always half overlap it to guarantee the best fusion and keep each layer of tape clean, no obvious dust and dirt.
3、 after the first layer finished,back to wind the second layer,repeat to reach the thickness we need.
4、 Strecth the tape by 10% to 20% while wrapping it. After installation, press the end for a moment so that it will self-fusing quicky.
5、For environments easily be mechanical friction damage,apply pvc tapes for mechanical protection.

05 Technical Parameters

Property	Typical Value
Tensile Strength	136 N/cm
Temperturer Class	-50°C~230°C
Elognation	25%
Temperturer at breakdown	300°C
Sustainable working temperature	180°C
Dielectric strength	26kV/mm

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