



**Jacobs™**  
**INDUSTRIES**

# Technical DATA

Jacobs 322 is a rubber based electrical stress control tape with high dielectric constant, good thermal stability and good conformable, which can fit any irregular surfaces. It is mainly used in cable terminations and joints to improve the terminal electric field distribution.

## Jacobs 322 Electrical Stress Control Tape

### 01 Specification

0.76mm(T) x 19mm(W) x 4.5m(L)

### 02 Product Features

- High dielectric constant
- Good conformable
- Good thermal stability

### 03 Application range

- Electrical stress control of cable terminations up to 35KV to improve electric field distribution
- Electrical stress control of cable joints up to 35KV to improve electric field distribution

### 04 Instructions

1. Clean the oil, dust and dirt on the object to be wrapped

2. Slightly stretch the tape, overwrap the tape with half overlap layers (at least 2 layers)
3. After installation, press the tape to guarantee good fusion

### 05 Technical Parameters

Property	Typical Value
Tensile Strength	1.8MPa
Elongation at break	300%
Temperature	90°C
Emergency overload temperature	130°C
Dielectric constant	30
Dielectric strength	12KV/mm

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

### PRODUCT APPLICATIONS

- Fit cable port
- Primary Insulation for high voltage cables

