



Technical DATA

Jacobs 22 linerless self amalgamating tape

01 Specification

19 mm (W) x 9.15 m (L) x 0.76 mm (T)
38 mm (W) x 9.15 m (L) x 0.76 mm (T)

* Size can be available as per Customers request.

02 Product Features

- Lineless, Unwinding smoothly, Easy to use.
- Good compatibility with various materials and cables, and perfectly suitable for irregular surfaces.
- Easy installation and time saving, no need heating, special tools.
- High reliability, excellent physical and electrical performance.
- Emergency overload temperature up to 130 °C.

03 Application range

- Primary insulation repair for cables up to 35kV
- Primary insulation for making stress cones on the cables
- Primary insulation and sheath repairing for cable jointing and terminating up to 69KV
- Moisture-resistant and sealing for electrical connection of high-voltage cables indoor and outdoor
- Insulation protection of connection parts of high voltage electrical equipment
- Insulation, moisture-resistant and sealing for cable ports and connections
- Insulation for bus-bar connection and cable end seals

04 Instructions

1. Stretch the tape to 3/4 of its original width and wrap it on the objects.

Jacobs 22 linerless self amalgamating tape is made from EPR material which has excellent insulation, self fusing performance and stability. Its continuous working temperature is 90 ° C and emergency overload temperature can reach 130 ° C, conducive to heat dissipation at the joint. With excellent physical and electrical properties, it can quickly fill the gap to form a moisture resistant sealing protection layer. It can be used for low voltage insulation as well as insulation for joints up to 69KV.

2. Always half-overlap it on previous wrap to produce a uniform buildup, until reaching the thickness we need.
3. After wrapping, press the tape for a moment and the tape will amalgamate rapidly
4. At last, apply two layers pvc tape for mechanical protection

Advice:

- To make void-free in critical areas, highly elongate the tape approaching the breaking point
- For jointing and splicing cables from 35KV up to 69KV, elongate the tape throughout the entire splice

05 Technical Parameters

Properties	Typical Value
Brand	Jacobs
Tensile Strength	1.72 Mpa
Elongation at break	800 %
Temperature	90 °C
Emergency overload Temperature	130 °C
Dielectric Strength	31 KV/mm
Insulation Resistance	>1 x 106 MΩ
Dielectric constant	3.5(23°C) / 3.6(90°C)
Ozone and Aging Resistance	Pass

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

