



Jacobs™
INDUSTRIES

Technical DATA

Jacobs 160Z

All-Weather PVC Electrical Insulation Tape

01 Specification

20mm(W) x 20.1m(L) x 0.18mm(T)

02 Product Features

- All-weather, Excellent insulation pvc insulation tape
- Good conformable, good flame retardant
- Good resistance to UV, abrasion, corrosion, acid and alkali
- Excellent resistance to low temperature

03 Application range

- Primary insulation for electric wires and cable joints below 600v and 105°C
- Wrapping and protecting wires and cables in communication industry.
- Electrical insulation for bus-bar below 600V
- Protection and repairing of high voltage cable jacket joints
- Wrapping electrical wires and cables

04 Instructions

- 1、 Clear the water, dust and dirt on the cables and electric wires, keep it clean and dry

Jacobs 160Z is a professional all-weather pvc electrical insulation tape, composed of soft pvc film and rubber adhesive, used for insulation protection of electrical wires and cable joints with voltage up to 600V and temperature up to 150°C. It has good conformable, excellent insulation, good flame retardant and good resistance to voltage, low temperature, UV, corrosion, acid and alkali, which can be used for electrical applications for insulation and mechanical protection.

2. Wrap the tape on the object with half-overlap layer
3. Elongate the tape while wrap it
4. Apply final overwrap with zero stretch, 100% cover the previous layer. After installation, press the tape to avoid tape curling

05 Technical Parameters

Property	Typical Value
Brand	Jacobs
Tensile Strength	35 N/cm
Elongation at break	300 %
Temperature	-15°C ~ 105°C
Adhesion	2.5 N/cm
Voltage	600 V
Dielectrical strength	≥40 KV/mm
Color	R, Y, B & Black

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

