



Technical DATA



Jacobs 27

PVC Electrical Insulation Tape

PVC electrical tape is composed of soft PVC film, coated with rubber adhesive, it can be used all weather, has good flame retardant; And it has good elastic, good conformable, and good resistance to high voltage. It applies to insulation protection of electrical wires and cable joints with voltage up to 600V and temperature up to 80°C.

01 Application range

- Insulation for electrical wires and cable joints below 600V
- Protection for jackets of high voltage wires and cables
- Wrapping wires and cables, Color coding
- Insulation protection for wire connection of electric devices indoors and outdoors
- DIY-Protecting and fixing tools

02 Product Features

- Soft, good conformable
- Good flame retardant
- High elasticity, good compatibility and strong adhesion
- Excellent electrical insulation performance
- All weather

03 Instructions

1. Clean the dust and dirt on the cables
2. Wrap the tape on the object with half-overlap layer
3. Elongate the tape while wrapping on the key position
4. Apply final overwrap with zero stretch, 100% cover the previous layer. After installation, press the tape to avoid tape curling

04 Technical Parameters

| Type | Product Code | Material | Thickness (mm) | Adhesive Force (N/cm) | Tensile Strength (N/cm) | Elongation (%) | Temperature (°C) | Dielectric Strength (KV/mm) |
|---------------------|--------------|----------|----------------|-----------------------|-------------------------|----------------|------------------|-----------------------------|
| Non Flame Retardant | 100D | PVC | 0.10 | 1.5 | 14 | 160 | 80 | ≥40 |
| | 110D | PVC | 0.11 | 1.5 | 15 | 160 | 80 | ≥40 |
| | 130D | PVC | 0.13 | 1.5 | 17 | 160 | 80 | ≥40 |
| | 150D | PVC | 0.15 | 1.5 | 22 | 200 | 80 | ≥40 |
| | 165D | PVC | 0.165 | 1.5 | 25 | 200 | 80 | ≥40 |
| | 180D | PVC | 0.18 | 1.5 | 28 | 200 | 80 | ≥40 |
| | 190D | PVC | 0.19 | 1.5 | 28 | 200 | 80 | ≥40 |
| | 200D | PVC | 0.20 | 1.5 | 30 | 220 | 80 | ≥40 |
| Flame Retardant | 100Z | PVC | 0.10 | 1.5 | 14 | 160 | 80 | ≥40 |
| | 110Z | PVC | 0.11 | 1.5 | 15 | 160 | 80 | ≥40 |
| | 130Z | PVC | 0.13 | 1.5 | 17 | 160 | 80 | ≥40 |
| | 150Z | PVC | 0.15 | 1.5 | 22 | 200 | 80 | ≥40 |
| | 165Z | PVC | 0.165 | 1.5 | 25 | 200 | 80 | ≥40 |
| | 180Z | PVC | 0.18 | 1.5 | 28 | 200 | 80 | ≥40 |
| | 190Z | PVC | 0.19 | 1.5 | 28 | 200 | 80 | ≥40 |
| | 200Z | PVC | 0.20 | 1.5 | 30 | 220 | 80 | ≥40 |

The above data is typical value, should not be regarded as actual specifications.
 Standard Size Length: 10m,20m Width: 19mm Paper Core: 32mm,38mm
 Surface: Matte or Glossy