

PVC Electrical Tape

◆ Product Description

PVC Electrical Tape is a functional pressure-sensitive tape with PVC (Polyvinyl Chloride) as the core substrate, focusing on electrical insulation and protection. It is widely used in the insulation of wires and cables, joint protection, and wiring organization of electrical equipment, combining safety and construction convenience.



- High-efficiency Electrical Insulation Performance
- Safe Flame Retardancy and Fire Protection
- Wide Temperature Range Adaptability and Weather Resistance
- High Flexibility and Construction Convenience
- Environmental Compliance and Long-term Reliability

◆ Product Structure

●PVC Electrical Tape is mainly composed of a substrate layer, an adhesive layer, and an optional auxiliary layer. The substrate layer is a plasticized and flame-retardant modified PVC film, which is responsible for insulation, flame retardancy, and flexibility. The adhesive layer is a solvent-free rubber or acrylic-based pressure-sensitive adhesive, which ensures bonding performance and insulation property. The entire structure is designed around insulation safety.

◆ Typical Applications

- PVC Electrical Tape is applied in electrical insulation and protection, wire harness organization, circuit identification, industrial equipment matching, and temporary safety protection. It is suitable for indoor and outdoor environments as well as complex environments such as humid and mild oil-contaminated ones.

◆ Typical Product Data and Physical Properties

Material: Polyvinyl Chloride (PVC) Film

Adhesive Layer: Solvent-free Rubber-based Pressure-sensitive Adhesive

Model: E1524F/E2524F

Color: Blue/Black

Dielectric Breakdown Voltage: 6-8KV

Volume Resistivity: $\geq 10^9 \Omega$

Moisture Resistance: $\leq 90\%$ RH

Availability:

Item#	Model	Color	Size	Weight
1.2.13.05.0011	E1524F	Black	18MM*16Mμ	0.1kg
1.2.13.05.0012	E2524F	Blue	19MM*9Mμ	0.1kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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