PVC Tape

P105Z · Adhesive Tape Series



Description

PVC tape is made of high-quality polyvinyl chloride (PVC) as the base material, coated with high-performance acrylic pressure-sensitive adhesive. It is suitable for both manual and machine wrapping, is chemical solvent resistant, has good uniformity, and is hand-tearable.

Product Features

- Excellent chemical resistance
- Good low-temperature and high-temperature resistance
- Excellent aging resistance

Standard / Certification

ROHS · REACH

Technical Data

Property	Unit	Model
Product Grade		P105Z
Substrate		PVC Flame-retardant Film
Adhesive		Acrylic UV Adhesive
Color		Black, Orange
Thickness	mm	0.100 ± 0.01
Tensile Strength	N/cm	⩾15
Elongation at Break	%	⩾110
Adhesion to Steel	N/cm	⩾1.0
Temperature Resistance	℃	−40 ~ 105℃
Flame Retardancy		Class B, Self-extinguishing
Breakdown Voltage	kv	6.41kv
Environmental Certification		ROHS REACH

Notes

• Note: The above parameters are typical values for reference only.

Product Advantages

- **Excellent Chemical Resistance**
  - Made from high-quality PVC with strong resistance to chemical solvents – suited to oily environments such as engine compartments.
- **Cold & Heat Resistance**
  - Operating range –40℃ to 105℃ with both low-temperature flexibility and heat resistance.

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Product Advantages (continued)

- **Excellent Aging Resistance**
  - Resists aging and cracking over long-term use with stable adhesion and insulation.
- **Flame-retardant, Self-extinguishing**
  - B-class self-extinguishing flame retardancy improves automotive electrical system safety.
- **Good Insulation**
  - Breakdown voltage of 6.41KV provides reliable electrical insulation for wire harnesses.
- **Hand-tearable & Flexible Conformability**
  - Hand-tearable for both manual and machine wrapping; flexible, uniform and conformable.

Application Scenarios

- **Automotive Internal Harness Bundling**
- Specialized for bundling and protecting automotive internal electrical wire harnesses.
- **Automobile Manufacturing & Maintenance**
- Plays a key role in automobile manufacturing and maintenance, ensuring reliability and safety of the electrical system.
- **Manual & Machine Wrapping**
- For harness bundling by either manual wrapping or machine wrapping.