

VTA

◆ TIS 386-2531

RoHS3 PVC PLASTIC ELECTRICAL INSULATION TAPE



SCOPE :

This specification covers RoHS3 PVC plastic electrical insulation tape to be used in electrical service at temperature 0 ~ 80° C.

The tape shall be used for insulation of jointed splices of cables and wires. The tape must have good insulation properties, heat, weather, flame retardant and RoHS3 materials for environment, suitable for tropical country.

STANDARD :

The RoHS3 PVC plastic electrical insulation tape shall be manufactured and tested in accordance with TIS 386-2531

Dimension

- 1) Thickness (mm) 0.125 ± 0.025, 0.18 ± 0.025
- 2) Width (mm) 19 ± 1.0
- 3) Length (m) 10 + 1.0
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PROPERTY AND REQUIREMENTS	PACKING
1) Electrolytic corrosion after 24h at 27 ± 2° C and 93 ± 2% relative humidity (Ω) ≥ 10 ¹¹	The RoHS3 PVC plastic electrical insulation tape shall be packing in paper core Cellophane and shrinkage wrapped.
2) Penetration at elevated temperature (°C) ≥ 50	
3) Flammability non-ignitable or self-extinguishing	1) Dimension of each roll
4) Thermal endurance no-crack	: Diameter (cm) 5.8
5) Tensile strength (N/10 mm width/mm thick.) ≥ 150	Width (cm) 1.9
6) Adhesion to steel (N/10 mm width/mm thick.) ≥ 1.8	2) Weight of each roll (approx.)
7) Adhesion to backing (N/10 mm width/mm thick.) ≥ 1.8	: Net (kg) 0.036
8) Shear adhesion after immersion in water (N) ≥ 18.0	Gross(kg) 0.037
9) Electric strength	3) Number of roll in each package (Rolls) 10
- after 24 hour at 27 ± 2° C	4) Number of package in one case (Package)10
and 65 ± 5% relative humidity (kV/mm) ≥ 40	5) Dimension of each case : WxLxH (cm) 12.5x30x19.5
- after 24 hour at 27 ± 2° C	6) Gross weight of each case (approx.) (kg) 4
and 93 ± 2% relative humidity (kV/mm) ≥ 35	

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