

VTA

◆ TIS 386-2531

RoHS PVC PLASTIC ELECTRICAL INSULATION TAPE



SCOPE :

This specification covers RoHS 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 RoHS materials for environment, suitable for tropical country.

STANDARD :

The RoHS 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 RoHS 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	
4) Thermal endurance no-crack	1) Dimension of each roll : Diameter (cm) 5.8 Width (cm) 1.9
5) Tensile strength (N/10 mm width/mm thick.) ≥ 150	2) Weight of each roll (approx.) : Net (kg) 0.036 Gross(kg) 0.037
6) Adhesion to steel (N/10 mm width/mm thick.) ≥ 1.8	
7) Adhesion to backing (N/10 mm width/mm thick.) ≥ 1.8	3) Number of roll in each package (Rolls) 10
8) Shear adhesion after immersion in water (N) ≥ 18.0	4) Number of package in one case (Package)10
9) Electric strength - after 24 hour at 27 ± 2° C 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 and 93 ± 2% relative humidity (kV/mm) ≥ 35	6) Gross weight of each case (approx.) (kg) 4

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