

TITAN accessories

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WEATHER PROOFING KITS (ISOLATION)

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WPMS

Highly-elastic self-gluing insulating tape



WPMS is a good-fitting self-vulcanizing insulation tape made of ethylene-propylene rubber. Can be used both on low and high voltage and is appropriate for ferrule, cable-end adapter insulation.

Specifications	
Dimensions	19mm x 9,1m
*Thickness (mm)	0,78
Material	Ethylene-propylene rubber
Adhesive	—
Color	Black
Electrical performance:	
*Voltage	600V
**Electric strength (kV/mm)	31
Insulation resistance (Ohm*cm)	$>10^6$
Mechanical performance:	
*Rupture strength (N/10mm)	14
Maximum stretch (22°C)	1000
Steel adhesion 1	18 oz./in
Mastic tape adhesion	18 oz./in
Environment performance:	
Working temperature	Up to +90°C, short-term performance up to 130°C
Installation temperature	—
Causticity	Acids and weak alkalis immunity
Fire-proofness	According to UL 510
Warehouse keeping time	No less than 5 years

* According to ASTM D-1000 standard

** Electric strength index increases considerably corresponding to the number of coils

WPMT

Insulation mastic tape



WPMT is designed especially for electric connections insulation, moisture and rust protection. With its help busbar and cable (power and telecoms) connection points surfacing can be performed. Mastic is easily formed even on low temperatures. For a long time remains elastic and resistant and is designed for hermetization and rust protection, having good adhesion and electric insulating properties.

Specifications	
Dimensions	38mm x 1,5m x 3,17mm
*Thickness (mm)	3,17mm
Material	Rubber
Adhesive	—
Color	Black
Electrical performance:	
*Voltage	600V
Electric strength (kV/mm)	23
Insulation resistance (Ohm*cm)	>10 ⁶
Mechanical performance:	
*Rupture strength (N/10mm)	
Maximum stretch (22°C)	1000
Environment performance:	
Working temperature	-32 +80°C
Installation temperature	No less than 0°C
Causticity	Acids and weak alkalis immunity
Fire-proofness	According to UL 510
Warehouse keeping time	No less than 5 years

* According to ASTM D-1000 standard

WPRL

High-quality PVC insulation tape



WPRL is a high-quality PVC insulation tape used for additional protection of joints and connections against rust and moisture in rough climatic conditions.

Specifications	
Dimensions	19mm x 20m
*Thickness (mm)	0,18
Material	PVC
Adhesive	Rubber
Color	Black
Electrical performance:	
*Losses	1,00%
*Electric strength (kV/mm)	45
Insulation resistance (Ohm*cm)	10 ¹²
Mechanical performance:	
*Rupture strength (N/10mm)	35
Rupture stretch	2
Adhesion strength (N/10mm)	3
Insulation tape adhesion (N/10mm)	17,5
Maximum stretch	250
Self-extinctive	+
Environment performance:	
Working temperature	-40 +105°C
Installation temperature	-18 +30° C
**Water permeability index	0,1g /100in2 /24hr
Causticity	Acids and weak alkalis immunity
Fire-proofness	According to UL 510
Warehouse keeping time	No less than 5 years

* According to ASTM D-4325 standard

** According to ASTM D-3833 standard