

## M2228 WATERPROOFING AND INSULATING TAPE



### WHAT IS M2228

M2228 is a compound tape of waterproofing, insulating and moisture sealing. It has excellent self-fusing and flexibility properties. This tape is made of irradiated and vulcanized ethylene propylene rubber backing and coated with temperature-stable mastic adhesive that offers excellent moisture-resistant performance. M2228 can continuously work in the temperature range from -20°C to 90°C, and its overload temperature is 130°C. It is widely used for all kinds of cable jacket repairing.

### KEY FEATURES

- Self-fusing: The tape is processed under irradiation. When applied, it creates a tight bond between layers.
- Excellent abrasion resistance and moisture resistance.
- Highly resists against to UV, aging, acid, alkali and salt.
- Excellent adherence to copper aluminum and cable jacket material.
- Easy operation

## **APPLICATION**

- Fast maintenance of over sheath for cables up to 220kV
- Waterproof and sealing protection for overhead insulated cable connectors
- Primary cable insulation recovery for cables up to 1kV
- Insulation performance for motor lead connections up to 1kV

## **COLOR**

Black

## **HOW TO USE**

1. Remove the oil and dust on the applied subject and keep the surface clean and dry.
2. Appropriately stretch the tape to make the oval sigh into a circle, then wrap with half lapping.
3. Completely overlap at the beginning and end positions.
4. Start wrapping at 150mm from previous roll when open a new roll.
5. Press the wrapped tape and ensure the layers bonding tightly.
6. The wrapping length between both ends of repairing area should be more than 2 times of the cable diameter.

## **TYPE**

<b>Type</b>	<b>Dimension(mm) Thickness x Width x Length</b>	<b>Pack</b>
M2228	1.8 x 50 x 3000	60rolls/ctn

## **TECHNICAL DATA**

<b>No.</b>	<b>Test</b>	<b>Standard</b>	<b>Requirement</b>
1	Tensile Strength	GB/T 528	≥2MPa
2	Elongation at Break	GB/T 528	≥800%
3	Peel Strength(Steel)	YD/T 723	40N/cm
4	Peel Strength(PE)	YD/T 723	25N/cm
5	Thermal Stress-cracking	GB/T 15065	No cracking 130°C/6h
6	Water Absorption	GB/T 2951.13	0.25mg/cm <sup>2</sup> (70°C/336h)
7	Ozone Resistance	GB/T 2951.21	Pass
8	Anti UV	UL 2556	Pass
9	Breakdown Strength	GB/T 1695	≥20kV/mm
10	Volume Resistivity	GB/T 1692	≥1.0x10 <sup>14</sup> Ω.cm
11	Dielectric Constant	GB/T 1693	2~3