

## Waterproofing and Insulating Tape

## M2228

### 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

### Feature

- 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

### Color Standard

- Black

### How to Use

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

### Type

Type	Dimension(mm) Thickness x Width x Length	Pack
M2228	1.8 x 50 x 3000	48rolls/ctn

### Technical Data

No.	Test	Standard	Requirement
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> .cm
11	Dielectric Constant	GB/T 1693	2~3

