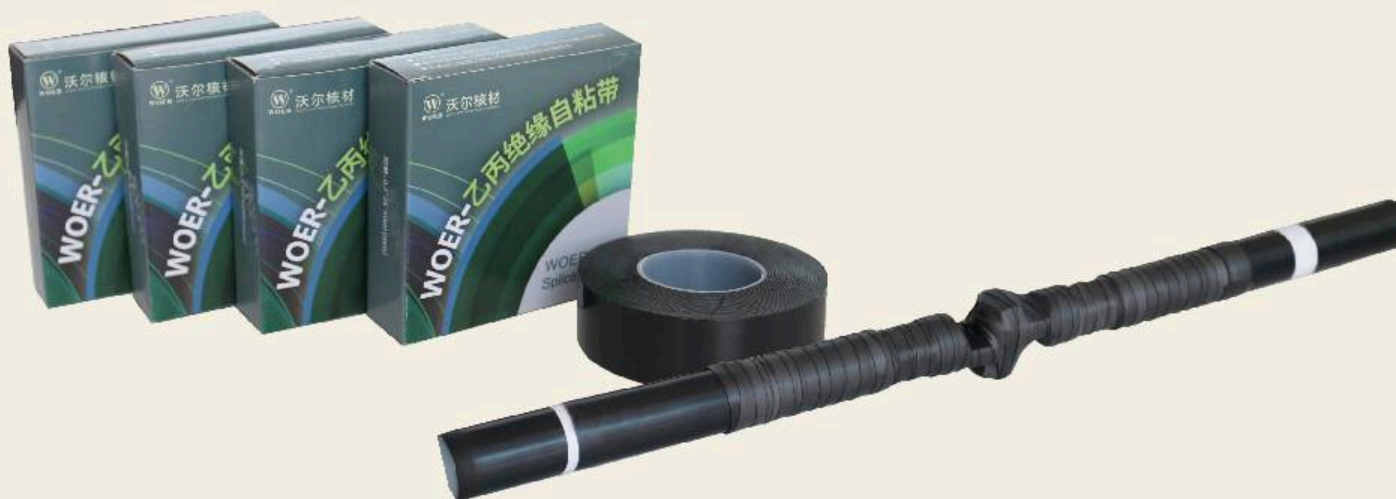


## WOER EPR Self-fusing Insulation Tape



### Product Introduction

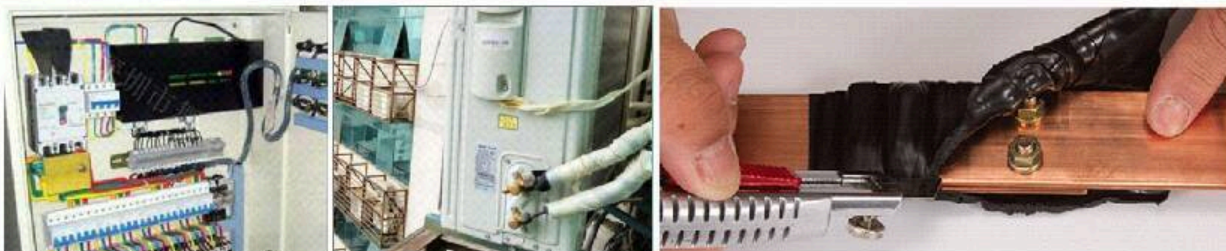
WOER EPR self-adhesive insulation tape is made of ethylene propylene rubber, which demonstrates good formability and stable insulation performance. No vulcanization is required. It is applicable to voltage rating up to 35kV, of which XLPE cables service temperature at 90°C and overload temperature at 130°C. It can be also applied in non severe or polluted outdoor environments.

### Product Features

- ☐ Made of ethylene propylene rubber, which is self-fusing tape;
- ☐ Excellent electric performance, good resistance to ultraviolet radiation, electric corona, high temperature and weathering;
- ☐ Suitable for XLPE and EPR cable overloading conditions;
- ☐ Superior dielectric strength and low dielectric loss. Applicable to HV cable insulation protect cables from overloading conditions;
- ☐ Excellent tensile strength and elongation rate, which makes good tensile performance without fall-off.

### Application

- ☐ For primary insulation rebuilding of cables with solid insulation up to 35kV;
- ☐ Damp-proofing and sealing of HV and LV cable joints or terminations;
- ☐ HV and LV cable core connector sealing and insulation;
- ☐ Busbar insulation.



## Technical Parameters

No.	Item	Typical Value
1	Tensile strength(room temperature) MPa	3.88
2	Elongation at break( room temperature ) %	1190
3	Dielectric strength kV/mm	37.12
4	Dielectric constant	2.717
5	Dielectric loss	0.0017
6	Volume resistivity $\Omega \cdot \text{cm}$	$1.03 \times 10^{16}$
7	Self-fusing(23°C,24h)	0.032
8	Thermal stress(130°C,1h)	No crack
7	Color	Black
8	Shelf Life	2 years

## Product Size

Product dimension: Model 1: 5000mmL\*25mmW\*0.76mmT, black  
Model 2: 9000mmL\*19mmW\*0.76mmT, black

Remark: Customization is available for request.

## Installation Instruction.

1  
Step

Clean the area to be applied with alcohol tissue;

2  
Step

Take out the insulation tape from the package, and take off the PE release liner above on the tape surface. Stretch the tape to around 2 times length of the original, maintain appropriate elasticity and completely overlap for the first loop, then wrap forward by half-lapping;

3  
Step

Always stretch the tape hardly when it's applied on joints, to avoid the gaps between tapes;

4  
Step

The end of the wrapping must be a smooth, flat or a circular surface without protrusions, must lap back to the body, press it for 2-3 seconds until self-fusing tape completely has been bonded without gaps.

## TEST REPORT:

