

## WOER Water Proofing and Insulation Composite Tape



- 1 Release papers
- 2 Baseband&Adhesive Waterproof Clay
- 3 Support tube

### Product Introduction

This tape is a kind of waterproof, sealing and insulating composite mastics with strong adhesion and shape variable. It is composed of ethylene-propylene rubber and butyl rubber. It has great self-adhesiveness, and excellent water proofing and insulation function.

Easy to install, non-corrosive to copper, aluminum and cable sheathing materials.

Rated service temperature is 90°C, short time overload temperature over 130°C, it can be used for insulation, waterproof, sealing and protection at power cable accessories, communication base stations, communication cable connectors.

### Product Features

- Excellent adhesive and waterproof function, easy to install;
- Excellent weather resistance and sealing function;
- Excellent adhesiveness even under a temperature of -30°C;
- Superior low and high temperature stability, cater for installation under various climate;
- Sound abrasion resistance and tensile elongation performance, excel among peers;

### Product Size

Product dimension: 3000mm×50mm×1.65mm (Black)

Remark: Customization is available for request.

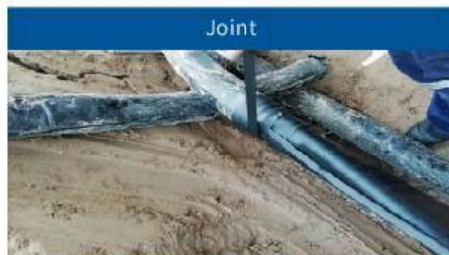
## Technical Parameters

NO.	Item	Typical value
1	Tensile strength MPa	1.56
2	Elongation at break %	1003
3	Dielectric strength kV/mm	19.7
4	Dielectric constant	2.3
5	Dielectric loss factor	0.0021
6	180°C peel strength(25°C to steel plate)	114
7	Water absorbability %	0.11
8	Ozone resistance (50p phm,40°C, 70d)	No crack, degumming, no edge warping, curring or no fall-off
9	Light-proof ageing	No crack, degumming, no edge warping, curring or no fall-off
10	Cold resistance (0°Cx2h)	Maximal force to stretch to 150% size N
11		Elongation at break %
12		Appearance
13	Cold resistance (-20°Cx2h, elongation,%)	≥400
14	Thermal stress resistance (130°Cx1h)	No crack
15	Thermal ageing(80°Cx168h)	No crack, degumming, no edge warping, curring or no fall-off

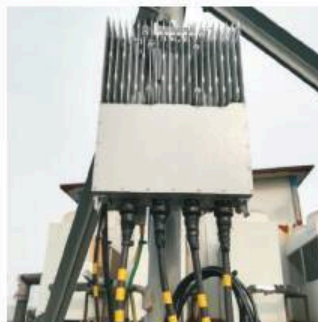
## Application

- Used for waterproof and sealing of power cable accessories, such as cold shrink cable joints, waterproof joints, weld joints etc.;
- Used for waterproofing of antennas, feeders, splitters, towers and other facilities in the construction of 4G and 5G base stations;
- Used for low-voltage insulation and outer sheath repair, suitable for primary insulation recovery and insulation of motor leads up to 1kV;
- Waterproof and sealing for the ground wire;
- Waterproof and sealing protection of overhead line joints;
- Used in other fields related to power and waterproofing, such as high-speed rail, ships, etc.

### Electrical Power Applications



### Electrical Power Applications



## Installation Instruction

# 1

Step



Clean the area to be applied with alcohol tissue, wipe off all the oil and dust, and wait for the alcohol to dry out;

# 2

Step



Take off the release liner above on one side of the putty, stretch the tape to maintain the tensile strength;

# 3

Step



Keep the sticky side of tape towards the contact surface, stretching the tape to 3/4 of its width, and then spirally wrap it with a ...50% overlap.;

# 4

Step



At the end of wrapping, pull and wrap the tape gently and press the tape end hard;

## TEST REPORT:

**SGS**

**测试报告**

编号: S20191018100173\_04  
 日期: 2019-10-14

客户名称: 深圳市达达密封材料有限公司  
 客户地址: 深圳市宝安区西乡街道西乡社区西乡工业路

样品名称: 防水密封胶  
 材料规格: 单组份  
 以上信息均经本检测中心与客户沟通, 4000 下表示所测样品名称及规格, 请仔细核对信息准确性。

SGS 报告号: S20191018100173\_04; S4N21001000100173\_04  
 样品数量: 20 个 150g  
 测试标准/方法: ISO 9001:2015  
 测试日期/时间: 2019-10-14  
 测试地点: 深圳市宝安区西乡街道西乡社区西乡工业路

检验员: 李俊  
 审核员: 李俊

**SGS**

**测试报告**

编号: S20191018100173\_04  
 日期: 2019-10-14

标准名称:

序号	测试项目	测试方法	标准要求	检测结果	判定
1	90°剥离强度	ASTM D1004-17	拉伸强度 ≥8.11kN/mm 撕裂强度 ≥18.13N	拉伸强度 10.20kN/mm 撕裂强度 22.04kN/mm	合格
2	拉伸强度	GB/T 528-2005	拉伸强度 ≥1.05MPa 断裂伸长率 ≥500%	拉伸强度 1.05MPa 断裂伸长率 500%	合格
3	耐老化性能	客户提供	无开裂现象	无开裂现象	合格
4	耐机械冲击	GB/T 20145	无可见机械损伤	无可见机械损伤	合格
5	透气性能	GB/T 1633-2016	≥0.019 v/mm	0.019 v/mm	合格
6	可溶物含量/挥发	GB/T 1493-2005	无要求	无要求	合格

图 1 图

**CTI 华测检测**

**检测报告**

报告编号: A2300040110000002  
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检测机构: 深圳市华测检测技术有限公司  
 地址: 深圳市福田区梅林街道梅华社区梅华路3002号

样品名称: 防水涂料  
 规格: 1.5mm/0.5mm/0.3mm  
 用途: /  
 品牌: /  
 型号: /  
 备注: 请客户提供样品名称及规格, 以便我们准确检测!

检测日期: 2019-10-14  
 检测地点: 深圳市宝安区  
 检测人员: 李俊  
 审核人员: 李俊

报告编号: A2300040110000002  
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