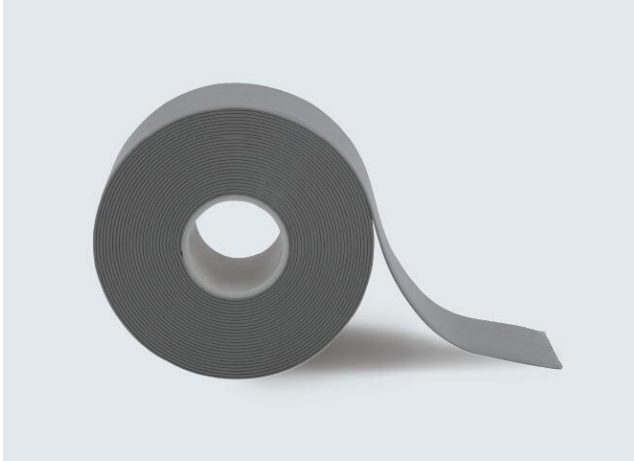


## **M22 FIRE RESISTANT CERAMIC SILICONE RUBBER TAPE**



### **WHAT IS M22**

M22 is a irradiation crosslinking ceramic silicone rubber tape. It is used for protecting normal running cables without any short-circuit or open circuit in fire condition which forms a hard inorganic ceramic, fire resistant and insulated armor protective layer in the temperature range from 350°C to 3000°C.

### **KEY FEATURES**

- A hard armor protective layer is formed in fire which can protect the cables.
- High and low temperature resistance. Continuous working at temperature from -50°C to 220°C.
- No halogen and toxic. No toxic gas will come out when blocking the flame.
- Excellent insulation performance, resistance to ozone and weather.

### **APPLICATION**

- Fire resistant for all cables
- Insulation protection for substation
- Fire resistant and insulation protection for electrical body in all shapes
- Insulation protection for electrical equipments
- Insulation protection for conductor connection at high temperature
- Prevent the cable from fire spreading

## COLOR

Grey

## HOW TO USE

1. Stretch the tape by using appropriate force, then wrap with half-lapping.
2. Completely overlap at the beginning and end position.
3. Start wrapping at 150mm from previous roll when open a new roll.
4. M22 must be wrapped in two layers.

## TYPE

Type	Dimension(mm) Thickness x Width x Length	Pack
M22	0.8 x 50 x 5000	60rolls/ctn

## TECHNICAL DATA

No.	Test	Standard	Requirement
1	Tensile Strength	GB/T 528	≥3.0MPa
2	Elongation at Break	GB/T 528	≥500%
3	Breakdown Strength	GB/T 1695	≥36kV/mm
4	Volume Resistivity	GB/T 1692	≥1.0x10 <sup>12</sup> Ω.cm
5	Oxygen Index	GB/T 2406.2	≥28%
6	Test for electric cables under fire conditions-Circuit integrity-Fire alone at a flame temperature of at least 750°C	Voltage: 1000V Heating: 90min Cooling: 15min	1、 Holding Voltage (2A Fuse doesn' t fuse.)  2、 Cable is not melting. (The indicator doesn' t go off.)