



Jacobs Bond23

Self-Curing Insulation

Waterproof Protection Pad

JacobsBond23 Self-Curing Insulation Waterproof Protection Pad is an ideal product for waterproof insulation protection of 10kV and below bare wire and exposed electrical connection in line, especially for emergency quick repair work.

The initial state of Bond 23 is very soft, and its high conformable makes itself very suitable for the irregular surface of the lines and electric equipments.

01 Product Size

length: 600mm
width: 90mm
thickness: 2mm
package: 600MM X 90MM X 2MM X 3 PCS / BAG

02 Product Features

- Self-cured under room temperature and moisture in the air within 7 days
- Easy for installing by hand, no need special tools
- High conformable, suitable for different irregular surfaces
- Reliable insulation and waterproof performance
- Temperature, weather, aging and UV resistance
- Flame Retardant (V-0 grade)
- Environmental and health safety, meeting Rohs and Reach

03 Application range

- Partial insulation treatment of 10KV and below Overhead bare wire
- 10KV and below electrical overhead line connecting clamp, outlet splint and jumper
- Insulation sealing protection of exposed parts of connection points between overhead wire and switch or transformer
- Insulation sealing protection of bus-bar and other irregular bare metal spots
- Insulation protection and sealing for communication base station grounding set, lightning protection set and feeder line

04 Instruction

The initial state of Bond23 is very soft and has high conformable. When use it, you can adopt various ways for sealing protection.

- 1.Wrap and Pinch like Bond23
- 2.By half overlap like insulation tape
- 3.Combination of 1 and 2 ways

(Advice: Clean the surfaces if there are oil, grease and dust on it; Polish the burr on the metal surface)

05 Technical Parameters

Property	Typical Value	Property	Typical Value
Brand	Jacobs	Dielectric loss factor	0.78%
Color	Black	Dielectric constant	3.45 (2mm)
Validity after open package	30 minutes	Volume resistivity	1.42×10^{15}
Drying time of surface	2h	UV Resistance	>1000h
Time for obtaining intensity	168h	Tensile Strength	1.75Mpa
Fully curing time	4h	Elongation at break	375%
Operating temperature	-20°C to +40°C	Waterproof	IPX8
Working temperature	-40°C to +90°C	Temp & Aging Resistance	-40°C to +80°C 144 h
Hardness	>40 Shore A	Environmental	RoHS & Reach
Dielectric strength	$\geq 32KV/2mm$	Flame Retardant	V1

Note: Above data are typical value, should not be regarded as actual specifications.

