

JINPOWER

Instruction Manual for Environment-friendly Insulating Rubber Sheets

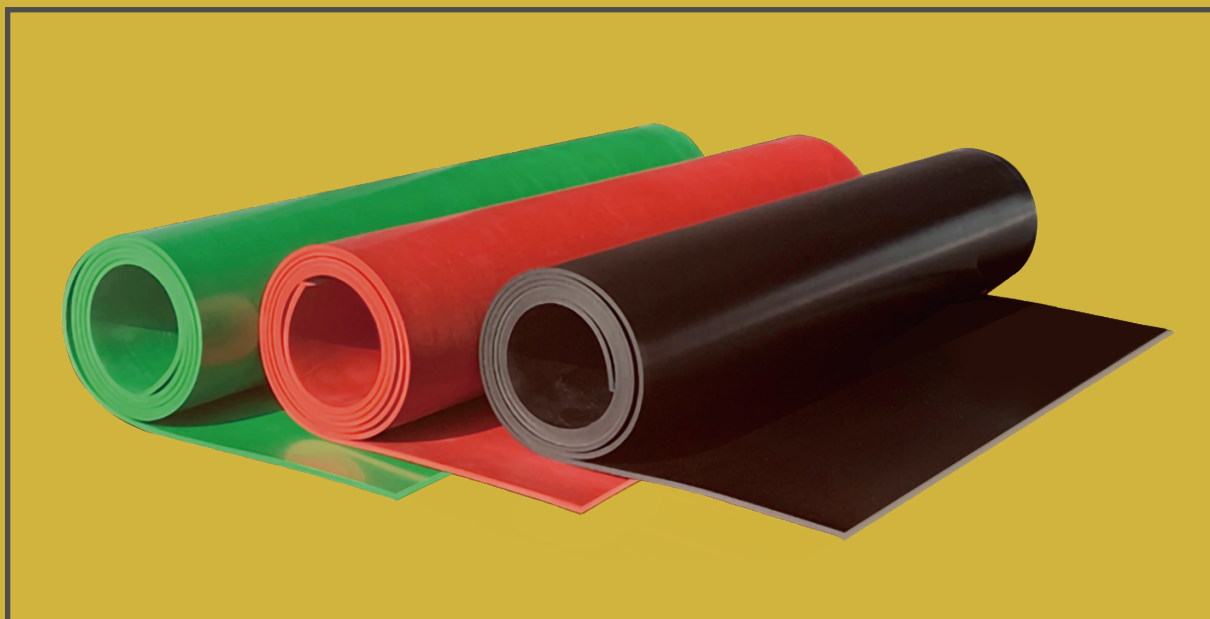
PRODUCT SPECIFICATIONS

Class	Thickness (mm)	Width(m)	Working Voltage(kV)	Proof Voltage(kV)	Withstand Voltage(kV)
Smooth Surface					
0	3mm	0.5 -2.0m	1kV	5kV	10kV
1	5mm		7.5kV	10kV	20kV
	6mm				
2	8mm		17kV	20kV	30kV
3	10mm		26.5kV	30kV	40kV
	12mm				
4	12mm	36kV	40kV	50kV	
fine ribbed					
0	3mm	0.5 -1.2m	1kV	5kV	10kV
1	5mm		7.5kV	10kV	20kV
	6mm				
ribbed surface					
0	3mm	0.5 -1.2m	1kV	5kV	10kV
1	5mm		7.5kV	10kV	20kV
	6mm				
2	8mm		17kV	20kV	30kV
3	10mm		26.5kV	30kV	40kV
raised diamond/coin					
0	3mm	0.5 -1.5m	1kV	5kV	10kV
1	5mm		7.5kV	10kV	20kV
	6mm				

PRODUCT USAGE

Insulating rubber sheet (also known as insulating rubber mat, insulating rubber pad, or insulating floor rubber) is widely used in substations, power plants, laboratories, factories, and outdoor live-working environments. It is typically laid around switchboards and on distribution room floors.

The function of the insulating rubber sheet is to provide insulation from the ground, preventing the human body from forming a closed electrical circuit with the earth in the event of accidental contact with a live conductor.



USAGE AND MAINTENANCE PRECAUTIONS

1. After the insulating rubber sheets arrive at the installation site, verify the specifications of the mats.
2. Take out the rubber mats corresponding to the installation area, unfold the insulating rubber mats, and lay them flat.
3. During installation, maintain an appropriate laying speed. Each mat should be aligned properly with the front, rear, left, and right sections.
4. When the insulating rubber sheet encounters irregular building structures or fixed objects, it may be cut with a utility knife. Attention should be paid to reserving proper dimensions and ensuring straight cutting edges.

5.After installation is completed, clean the surface of the insulating rubber mats.

6.During use, the ground surface should be flat and free of sharp objects. When laying insulating rubber mats, the joints should remain flat without curling to prevent operators from tripping during equipment operation or switching procedures.

7.If cracks, scratches, thickness reduction, or any other defects that may affect insulation performance are found during use, the insulating rubber mat should be replaced immediately.

8.Insulating rubber mats should be protected from direct sunlight and sharp metal objects. During storage, they should be kept away from heat sources (such as heaters) to prevent accelerated aging and deterioration, which may reduce insulation performance.

9.Insulating rubber mats should be kept dry and clean. Avoid contact with acids, alkalis, and various oils to prevent corrosion, aging, cracking, or stickiness that could reduce insulation performance.

Do not wipe the mat surface with an overly wet mop, as this may cause discoloration or blotchy marks on the surface.

When the insulating rubber mat becomes dirty, use a cloth with a small amount of silicone oil for localized cleaning. Excessive oil should be avoided, as an overly smooth surface may create slipping hazards.

PRECAUTIONS

1. Usage Requirements:

Customers must strictly adhere to the product manual, electrical safety operating procedures, and relevant standards when correctly installing, laying, using, and maintaining the product. Unauthorized modification or disassembly of the rubber mat is prohibited, as is its use in voltage classes other than those specified or in scenarios other than auxiliary insulation applications.

2. Storage and Maintenance:

The rubber mat should be stored in a dry, well-ventilated, and cool environment. It must be protected from direct sunlight, exposure to high heat, immersion in oil or grease, and scratches from sharp objects. Regular cleaning and maintenance should be performed to ensure the product remains within a suitable operating environment.

3. Warranty Claims:

Should any quality issues arise during the warranty period, customers must promptly contact our company or the authorized distributor. They are required to provide the original warranty card, proof of purchase, photographs of the product defect, and a detailed description of the issue, while cooperating with the verification of the root cause of the fault. Failure to report a claim in a timely manner or to provide the necessary documentation may affect the provision of warranty services. Document Retention: Please safeguard the original warranty card, product certificate of conformity, and proof of purchase. The loss or alteration of these documents may invalidate the warranty coverage.

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