

ELECTRICAL INSULATING MAT

SHOCK... Here is your solution!



APPLICATION

Safety from electrical shock is required for workmen whether they are involved in electricity generation, transmission, distribution or its use. KRI Safety Mats are highly recommended for total safety of workmen from electrical shock when working in or around environment like

- High Voltage Panels,
- Power Transformer Rooms,
- Near Bus bars
- Anti Skid / Flooring.
- Sub-station,
- LT & HT Labs,
- Near Control Panels etc.

FEATURES

- All Products Tested by IRMRA, Thane
- Product conforms to IS - 15652 - 2006
- High Di Electric Strength up to 69 Kv.
- Insulation Resistance 2.08×10^9 ohms.
- Fire Retardant. Self Extinguishing
- Resistant to Acids, Alkalis and Transformer Oil
- Water Proof, Antiskid
- Devoid of Any Metallic Derivatives
- Suitable for Both A.C. & D.C. Electrical Installations
- Easy Installation, can be pasted
- Good Abrasion Resistance

Thickness : Voltage System

2.0 mm	: Up to 3.3 Kv
2.5 mm	: Up to 11 Kv
3.0 mm	: Up to 33 Kv
3.5 mm	: Up to 66 Kv

TEST PARAMETERS

S.N. Test	Unit	Test
1. Tensile Strength	Mpa	22.2
2. Elongation	%	322
3. Insulation Resistance	Ohm	2.08×10^9
4. Volume Resistivity	Ohms - Cm	1.61×10^{13}
5. Di Electric with stand Test	Kv	30 Kv for 1 Min
6. Breakdown Test	Kv	69.0 Kv
7. Effect of Fire	- -	Pass (V0)
8. Effect of Acid, Alkali, Diesel & Transformer Oil	%	-8.4 & + 2.5 of Original Value
9. Ageing Test	%	-0.6 & + 2.7 of Original Value
10. Leakage Current Test in Oil	MA	<10



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