

High Voltage Electrical Insulating Mats ISI Marked IS:15652, Class C

PRODUCT DATA SHEET



Electrical Safety



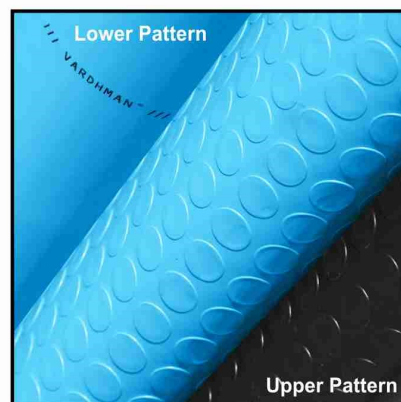
Flame Retardant



Highly Durable



Slip Resistant



Technical Specifications

S.No	Characteristics	Standard Values
1	Material	Synthetic Elastomer
2	Thickness	3.0 mm $\pm$ 10%
3	Tensile Strength	Min. 15 N/mm ²
4	Elongation	Min. 250%
5	Working Voltage	Up to 33 kV
6	Ac-Proof Voltage	Should withstand 36 kV for 1 minute
7	Ac-Dielectric Strength	Min. 65 kV
8	Leakage Current	Max. 10 mA
9	Insulation Resistance with water at 5000 V	Min. 1,00,000 Mega Ohm
10	Flame Retardant	Extinguish within 5.0 sec after removal of Blue Flame as per IS 15652
11	Low Temp. Test	No Visible Break or Crack when folded after placing 1 hr at $-10 \pm 3^{\circ}\text{C}$
12	Effect to Acid, Alkali, Diesel & Transformer Oil	Category III Acid, Alkali, Diesel And Transformer Oil (% change from original value) Tensile Strength (-20%), Elongation (-20%)
	Category I Acid, Diesel & T. Oil	
	Category II Alkali, Diesel & T. Oil	
	Category III Acid, Alkali, Diesel & T. Oil	
13	Ageing Properties at $70 \pm 1^{\circ}\text{C}$ Tensile Strength (N/mm ²), Elongation (%)	% Change from Original Value Tensile Strength (-25%), Elongation (-25%)

Physical Specifications

Length*	Width*	Marking		Upper Pattern	Lower Pattern	Color*	Weight*
		Upper Side*	Lower Side				
2M/5M/ 10M/20M	1M (Higher Width available on request)	Brand, CM/L No. and IS No.	Mfr. Name, ISI Mark, Month & Yr of Mfr. Batch No., Class, Category	Coin/ Dotted type	Texture Finish	Blue/ Black	Approx. 5 Kg.

*As per site requirement

*Embossing on every meter

*Other Colors on Request

*In 1 Square Meter

- Pastable Type : Yes
- Safety Border : On Request

* The information contained on this data sheet represent typical values and should be used as a guide only. We hereby reserve the right to change the specification without any prior notice or agreement. The suitability of the product shall be judged by the Buyer and We/Vardhman can't be held liable for any damage caused by use of the said product.