



ELECTRICAL SWITCHBOARD MATTING MANUFACTURERS AS PER ASTM D178 /ANSI JS.7: HIC

Electrical Switchboard Matting manufactured in **corrugated rubber mat** design used as a floor covering for **electrical insulation** to prevent shock around **high voltage electrical panels**, switchgear, control panels, fuse boxes, and heavy machinery as per **ASTM D178 - 93 Type I** and **ANSI JS.7** specifications produced by HIC Universal India exporters of electrical mats to USA, Australia, China, Qatar, Nigeria, Malaysia, South Africa, Colombia, Indonesia, Korea, UK.

 **Non-Conductive Switchboard Matting Suppliers in India, USA, EU, Africa, Middle East, CIS, Canada, Oceania**

Switchboard matting manufacturers suppliers, HIC Universal, supplies in India, USA, EU, Africa, Middle East, CIS, Canada, Oceania after thorough in-house testing of **non-conductive mats** meeting & surpassing electrical current parameters as laid down in **ASTM D178 -93** Type I standards to eliminate the electrical hazards of high voltage shock in the workplace, thus, provides protection to workers in factory.

Safety rubber mat is not intended to be used as “Hot” Rail Blanket and, should be borne in mind, *“Not to Place Insulating Matting in Service or Use with Cracks or Punctures”* as can be dangerous in the event of electrical current leakage.





Rubber Insulating Matting Specification as per ASTM: HIC Universal

Manufacturers of ASTM Type1 Rubber Insulating Matting conforming specification produced by HIC Universal in *non-slip ribbed top surface and high grip cloth finished bottom design pattern electrical mat* manufactured in India located Delhi and Uttar Pradesh factories in **four** different varieties of **Thickness** and **Dielectric Test Voltage when new**, designated as **Class**, Class 1 signifies (4.5mm / 20kV), Class 2 (6mm / 30kV), Class 3 (9mm / 40kV), Class 4 (12mm / 50kV) respectively.

High quality Natural Rubber compound is used by HIC Universal in manufacturing electrical safety matting rubber product, fully tested as per American ASTM standards that covers full testing over the entire mat surface in well-equipped HIC's Testing Laboratory and stamped on the reverse with identification coding.

Rubber Insulating Mat's Test Certificate of HIC's Lab forwarded along-with the supplies.

Third Party Inspection from an independently accredited India Test Facility, like by ERDA, CPRI, or other Govt. approved laboratory test certificate can be provided for switchboard matting on Extra charges to be directly reimbursed by buyer.

Warranty: Manufacturer warrants switchboard matting to be free from manufacturing defects and shall replace or repair if found defective in workmanship within 90 days from the date of shipment.



ELECTRICAL SWITCHBOARD MATTING TECHNICAL SPECIFICATIONS: MADE IN INDIA * HIC					
Thickness of Safety Rubber Mat	ASTM D178-01 TYPE I / ANSI JS.7 Specification	Dielectric Test Voltage When New	Working Voltage (Nominal Maximum Use)	Surface Proof Test Voltage	Weight (Approx.) Kilograms per Square Meter #
4.5mm (3/16")	Class 1	20kV (20,000V)	7,500V	10,000V	6.80 kg/m ²
6mm (1/4")	Class 2	30kV (30,000V)	17,000V	20,000V	8.50 kg/m ²
9mm (3/8")	Class 3	40kV (40,000V)	26,500V	30,000V	9.20 kg/m ²
12mm (1/2")	Class 4	50kV (50,000V)	36,000V	40,000V	9.50 kg/m ²

Standard Sizes of Switchboard Matting manufactured (Width x Length): 900mm (36inch) x 9meter (30ft), 1000mm (1meter) x 1m, 1m x 2m, 1.2m x 2m and other sizes on request.

Color of mat: Black / Yellow coding

Disclaimer: Information's, written and verbal are provided by HIC, relative to its electrical mat product which it determines to be reliable & no liabilities of whatsoever nature in regards to its uses. The purchaser of UNIVERSAL brand industrial rubber products should determine for itself the suitability of such products.