



## HIGH VOLTAGE ELECTRICAL RUBBER MAT MANUFACTURERS AS PER IS 5424: HIC

**High Voltage Electrical Rubber Mat** manufactured in **anti-slip chequered switchboard matting** design used as a floor covering around electrical panels to safeguard life of the workmen in sub-stations, power generation plants, workshop due to possible leakage of current and short-circuit as per **IS 5424: 1969** and **BS 921:1976** specifications produced by HIC Universal India exporters of electric shock-proof high voltage mat to Russia, Zambia, Canada, Zimbabwe, Japan, Bahrain, Qatar, Kuwait, Azerbaijan, Kazakhstan, China, Niger Africa, Bangladesh, Lao, Turkey, UAE, Nepal, Sri Lanka, Brazil.

 **Rubber Mats for Electrical Purposes Suppliers in India, UK, Malaysia, Senegal, Tanzania, Ghana, Argentina, Oman, Lebanon**

**Rubber mats for electrical purposes** manufacturers suppliers, HIC Universal, supplies in India, UK, Malaysia, Senegal, Tanzania, Ghana, Argentina, Oman, Lebanon, Russia after thorough in-house testing of **rubber insulating mat** meeting & surpassing high voltage current parameters as laid down in **IS 5424:1969** standards to eliminate the electrical hazards of high voltage shock in the workplace, thus, provides protection and **safety** to workers in factory.

HIC Universal is approved suppliers of switchboard matting conforming IS 5424 to high voltage electrical substations located in Chennai Tamil Nadu, Nagpur Maharashtra, Kochi Cochin Kerala, Ghaziabad Uttar Pradesh, Kota Rajasthan, Bokaro Jharkhand, Talcher Odisha, Raichur Karnataka, Vadodara Gujarat, Raipur Chhattisgarh, Ludhiana Punjab, Kolkata West Bengal and other states of India.

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



## **Insulating Rubber Mat Specification as per IS 5424: HIC Universal**

**Manufacturers of IS 5424: 1969 Rubber Mat for Electrical Purposes conforming specification** produced by HIC Universal in anti-slip chequered top surface and cloth finish lower surface design pattern insulating mat manufactured in India located Delhi and Uttar Pradesh factories in **Thickness** ranging from **6mm to 25mm** and **Dielectric Test Voltage** when new **>40 kV**.

High quality electrical resistant natural rubber compound is used by HIC Universal in manufacturing insulation rubber mat product, fully tested as per IS 5424 standards that covers electrical tests as to Voltage, Current Leakage, Breakdown Strength in well-equipped HIC's Testing Laboratory and stamped on the reverse. Moreover, IS 5424 have become cold standard and replaced by Bureau of Indian Standards IS 15652 and International IEC 61111 of switchboard matting that meets more stringent safety requirements.

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

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

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



HIGH VOLTAGE ELECTRICAL RUBBER MAT TECHNICAL SPECIFICATIONS: MADE IN INDIA * HIC					
Thickness of Insulation Rubber Mat	IS 5424:1969 / BS:921 Specification	Dielectric Test Voltage When New	Working Voltage (Nominal Maximum Use)	Surface Proof Test Voltage	Weight (Approx.) Kilograms / Square Meter per 1MM Thick #
6mm, 8mm, 10mm, 12mm, 15mm, 19mm, 25mm	May be substituted with Class 0 of IEC 61111 and Class A of IS 15652	>40kV (40,000V)	3,300V	15,000V	1.00 kg/m <sup>2</sup>

**Standard Sizes** of Electrical Insulating Floor Mats manufactured (Width x Length): 1000mm (1meter) x 2m normal standard dimension, 900mm (3ft) x 1.8meter (6ft), 1.2m x 2.4m.

**Color** of mat: Black / Red with Marking as to Roll No., Manufacturer's Identity i.e. HIC Universal.

**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.