

ELECTRICAL RUBBER MATS (IS 5424:1969)

Economical Grade | High Voltage Resistant | Checkered Design | General Purpose



Overview

Electrical Rubber Mat is used for the safety of the workmen against the electrical hazards. These Electrical Rubber Mats are manufactured as per old Indian Standard i.e. IS 5424:1969. The standard has become outdated and has been replaced by the IS 15652:2006 standard.

However, it is still popular among its users since its highly economical and suitable for general use. "DURATUF" is well known for its premium quality rubber mat for electrical purpose. Manufacturer's Test Certificate is provided along with the supply.

Technical Information

Product Code	Thickness	Working Voltage	AC Proof Voltage	Di-electric Strength	Weight per m ²
RM 001	6.0 mm (1/4")	0.4 KV	15.0 KV	40.0 KV	10.0 Kgs
RM 002	8.0 mm (5/16")	1.0 KV	15.0 KV	40.0 KV	13.0 Kgs
RM 003	10.0 mm (3/8")	7.5 KV	15.0 KV	40.0 KV	17.0 Kgs
RM 004	12.0 mm (1/2")	11.0 KV	15.0 KV	40.0 KV	20.0 Kgs
RM 005	16.0 mm (5/8")	17.0 KV	15.0 KV	40.0 KV	27.0 Kgs
RM 006	19.0 mm (3/4")	22.0 KV	15.0 KV	40.0 KV	32.0 Kgs
RM 007	25.0 mm (1")	33.0 KV	15.0 KV	40.0 KV	42.0 Kgs
RM CD (Custom)	Upto 50.0 mm	Upto 33.0 KV	15.0 KV	40.0 KV	-

Characteristics	Values
Material Composition	Special rubber compound of high quality natural rubber free from any insertion.
Antiskid Design	Antiskid Checkered Design on Top (Square Profile) with Smooth Bottom. Fluted Design also available.
Tensile strength (T.S.)	50 Kg/cm ² (min.)
Elongation at Break (E.B.)	250% (min.)
Leakage Current	10 mA (max.)
Water Absorption	4% (max.)
Compression Set	10% (max.)
Ageing Properties at 70±1°C for 168 hours.	a) T.S.: ±10% - 25% change (max.) b) E.B.: ±10% - 25% change (max.)
Working Temperature	0°C to 55°C

Standard Size	1) 1.0 Mtr. Wide x 2.0 Mtr. Long. 2) 3.0 Ft. Wide x 6.0 Ft. Long.
Custom Size	Max. Width upto 1.0 Mtr. & Length upto 2.0Mtr. available.
Standard Colour	Black without Metallic Derivatives.

Cut lengths, custom shapes, and colours are available upon request

Note: Manufacturing tolerance of ± 10% on thickness, ± 5% on length & ± 2% on width shall be applicable



Applications

Duratuf Electrical Rubber Mats has been designed for use as electrical safety floor covering in:

- > Electrical Substations
- > Near HT/LT Control Panels
- > In Front of Switchboards
- > Around Buss Bars
- > Transformer, Generator & Lift Rooms
- > For Outdoor/Indoor Onsite Work on Live Equipment

Inquiry/Ordering Info

- > Working/Use Voltage *
- > Surface Finish *
- > Thickness x Width x Length *
- > Colour *
- > Total Quantity Required *

* Mandatory