

**Item Name:** Traditional Rubber Mats as per IS 5424:1969

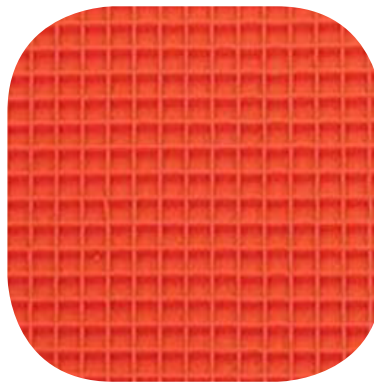
**Item Description:** Traditional Safety flooring as per Old Indian Standard

“DURATUF” is a premium brand for Rubber Mat as per IS 5424:1969. It is highly recommended for the safety of the workmen against the electrical hazards. These mats are highly economical and suitable for general use also. However, we recommend use of insulating mats as per latest Indian Standard i.e IS 15652:2006 for electrical insulation.

The material are made out of natural rubber having good electrical resistance and mechanical properties. They are available from 6mm to 25mm thickness in standard size of 1M x 2M with Checkered or Fluted Design. Manufacturer’s Test Certificate is provided along with the supply.

**Applications:**

- Electric Substations
- Near HT/LT Control Panels
- In front of Switchboards
- Around Buss Bars
- Transformer, Generator & Lift Rooms
- For Outdoor/Indoor Onsite Engineering Work Live Equipment



Checkered Design



Fluted Design

Product Code	Thickness	Recommended Use/ Working Voltage	AC Proof Voltage	Di-electric Strength (Withstand Voltage)	Approx Weight Per Sqr Mtr.
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	-

**PRODUCT INFORMATION SHEET**

Sl No.	Characteristics	Values
1	Material Composition	Special rubber compound of high quality natural rubber free from any insertion.
2	Tensile strength (T.S.)	50 Kg/cm <sup>2</sup> (min.)
3	Elongation at Break (E.B.)	250% (min.)
4	Leakage Current	10 mA (max.)
5	Water Absorption	4% (max.)
6	Compression Set	10% (max.)
7	Ageing Properties at 70±1°C for 168 hours.	a) T.S. ±10% - 25% change (max.) b) E.B. ±10% - 25% change (max.)
8	Working Temperature	0°C to 55°C

<b>Standard Size &amp; Design</b>	1) 1.0 Mtr. Wide x 2.0 Mtr. Long 2) 3.0 Ft. Wide x 6.0 Ft. Long
<b>Custom Size &amp; Design</b>	Max. width upto 1000mm, length upto 2M and thickness upto 50mm available.
<b>Standard Colour</b>	Black (Red & other colours available on request subject to availability.)
<b>Manufacturing Tolerance</b>	±10% on thickness, ±5% on length, ±2% on width.

<b>Minimum Ordering Information Required</b>	<ul style="list-style-type: none"> <li>• Class</li> <li>• Working Voltage</li> <li>• Type</li> <li>• Thickness</li> <li>• Dimension (Length x Width)</li> <li>• Total Quantity Required</li> <li>• Colour</li> </ul>
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The data on this page represent typical values. Since application variables are a major factor in product performance, this information should serve only as a guideline. We assume no obligation or liability for use of this information. Unless we agree otherwise in writing, we make no warranties, express or implied, and disclaim all implied warranties. We shall not be liable for any special, incidental or consequential damages. We reserve the right to change product design and properties without notice.