

Insulating Rubber Mats

Introduction

Elecsafe high voltage insulating rubber mats conforms to IEC 61111:2002 and are manufactured using high quality elastomer rubber in order to provide complete protection against electric shock due to electrical earth faults. These rubber mats are suitable for use in outdoor and indoor applications and are generally placed in front of electrical panels and switchgears in order to create a safe working environment for the operators.

Elecsafe Advantage

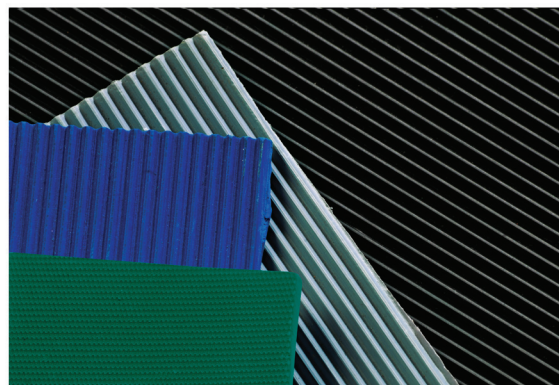
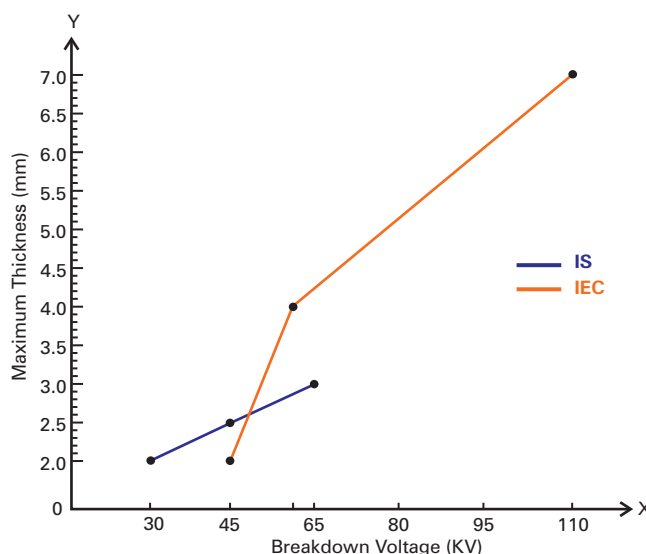
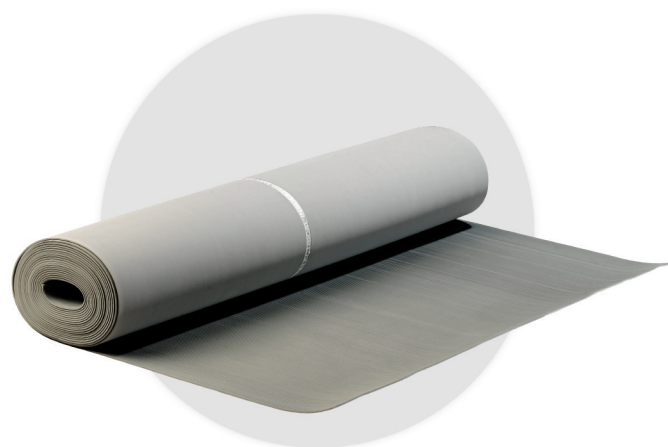
High quality EPDM formulations offers low leakage current values also giving better resilience and toughness to mats against ozone, UV and general weathering.

- Slip resistant
- Not affected by acid or oil.
- Hydrophobic in nature.
- Fire resistant.
- Halogen free flame retardant.
- Mats available for 415V to 66kV voltage applications.
- Higher breakdown voltage in lesser thickness.
- Thickness variation from 2-7 mm as per voltage applications.
- Continuous rolls of 10m in lengths.

Elecsafe high voltage dielectric flooring is also available. It is a combination of high quality anti-tracking adhesive, dielectric polymer tough tile and mat cover. Flooring provides long term solutions against high voltages.

Applications

Electrical substations & power generation plants.
Industrial segments
Engineering workshops
Maintenance and operations
Inspection and surveillance



INSULATION RUBBER MATS CONFORMING TO IEC 61111

| S.No. | Product Code | Class | Thickness in mm | Proof Voltage tested for 3 min kV | Working Voltage kV | Breakdown Voltage kV | Design | Colour |
|-------|--------------|---------|-----------------|-----------------------------------|--------------------|----------------------|-----------------|--|
| 1 | ES-IM-CL-1 | Class-1 | 2 | 10 | 5 | 45 | Fabric | Black, Grey, Blue, Orange, green, yellow (Class 1 - only in Black/Grey color) |
| 2 | ES-IM-CL-2 | Class-2 | 3 | 20 | 17.5 | 60 | Fabric | |
| 3 | ES-IM-CL-3 | Class-3 | 4 | 30 | 26.5 | 75 | Fabric & Fluted | |
| 4 | ES-IM-CL-4 | Class-4 | 7 | 40 | 36.5 | 110 | Fluted | |

For product selection kindly use proof test voltage parameters.
Please get in touch with us for further details.