



# Electrical Safety Matting Technical Datasheet

## Description

Electrical Safety Matting is a floor covering that provides insulation in areas of high voltage. It is commonly used for plant rooms, control rooms, switchboards, and anywhere where individuals work on live equipment.

## Application

We supply a range of electrical safety matting tested to different voltages and standards to suit your application, from 450 volt to 36,000 working volt protection. Our matting can be supplied in 3 widths: 914mm, 1000mm, and 1220mm, and in any length from a metre to a full roll.

## Voltage Table

Class	AC Maximum Working Voltage	Proof Test	Withstand Test
0	1000V	5KV	10KV
1	7500V	10KV	20KV
2	17000V	20KV	30KV
3	26500V	30KV	40KV
4	36000V	40KV	50KV

## Proof Test

Dielectrical resistance is carried out by the manufacturer on every running metre of product and are designed to ensure a standard conformity of resistance throughout the entire area of the product produced. This test must be applied to the matting for a set time at the specified voltage



## Availability

<b>Thickness</b>	6mm to 9.5mm
<b>Roll Width</b>	914mm, 1000mm & 1220mm
<b>Roll Length</b>	10m
<b>Specification</b>	450V, 650V and IEC6111:2009
<b>Colour</b>	Black

## Withstand Test

A specified voltage is applied on each manufactured batch of matting to ensure it does not have an electrical breakdown if it is exposed to high voltages. These tests should not be confused with the working voltages and classes shown in the table opposite.

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