

# DURATUF INSULATION MATTING (AS/NZS 2978:1995)

AZ/NZS Compliant | High Quality Dielectrical Rubber | High Voltage Resistant



## Overview

These mats are manufactured as per the AS/NZS 2978:1995 standard set by the Joint Standards Australia/New Zealand Committee EL/4. We guarantee standard conformity to ensure protection from electrical shock.

Two classes of mat are available – Class A (Thicker Mats) for general purpose application & Class B (Light Weight) for use on flat indoor surfaces. Both the types are intended to protect personnel where circumstances involve the possibility of contact with conductors or electrical equipment whose voltage does not exceed 650 V a.c. r.m.s. or d.c. Manufacturer's Test Certificate is provided along with the supply.

## Technical Information

Product Code	Class	Minimum Thickness	Working Voltage	AC Proof Voltage	Weight per m <sup>2</sup>
ASNZ 001	A	6.0 mm	650 V	15.0 KV	10.0 Kgs
ASNZ 002	B	3.0 mm	650 V	15.0 KV	5.0 Kgs

Characteristics	Values
Material Composition	Elastomer free from any insertion. Typically, a combination of natural and other synthetic polymers.
Antiskid Design	Our standard design is both side antiskid textured surface finish. However top side fine ribbed design is also available on request.
Tensile strength (T.S.)	5.0 MPa (min.)
Elongation at Break (E.B.)	200% (min.)
Tear Resistance	18 N/mm (min.)
Electrical Insulation	160 mA/m <sup>2</sup> (max.)
Compression Set at 23±2°C for 24 Hrs.	10% (max.)
Working Temperature	-10°C to 55°C

<b>Standard Size</b>	1) 1.0 Mtr. Wide x 10.0 Mtr. Long. 2) 1.2 Mtr. Wide x 10.0 Mtr. Long. 3) 0.9 Mtr. Wide x 0.9 Mtr. Long.
<b>Custom Size</b>	Width x Length as per Customer Requirement.
<b>Standard Colour</b>	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 Insulation Matting 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

- > Class \*
- > Working/Use Voltage \*
- > Thickness x Width x Length \*
- > Colour \*
- > Total Quantity Required \*

\* Mandatory



**AVAILABLE IN FINE-RIBBED DESIGN ON REQUEST**

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The data on this sheet represent typical values and should be used as a guide only. We reserve the right to change the specification without notice and assumes no liability for use of this information.

**Duratuf Products | Insulating Mats**