



## Ground Mats - Rubber

### AS/NZS IEC61111: 2020

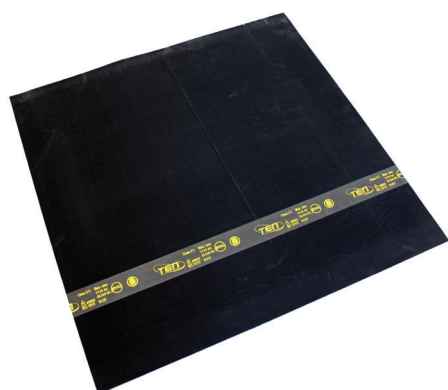
Rubber Ground Mats are suitable for indoor & outdoor use and are placed in front of switchboards, switch gear & high voltage equipment in order to create a safe working environment for the operator.

The mat insulates the worker from the ground to avoid electrical shock due to direct contact with potentially live electrical parts or step voltage. The class of mat is determined by the maximum nominal voltage of the network.

The Mats are marked with the colour according to the colour coding of the Standard.

#### Features

- Electrical mat is hard wearing, non-slip and easily cleaned or washed using a mild detergent
- Anti-fatigue nature, comforting feet while standing for prolonged periods
- The matting is manufactured in 10m rolls to avoid joints
- Mats are supplied measuring 1m x 1m, cut lengths and special sizes available
- Conforms to AS/NZ IEC 61111 requirements
- Every 300mm is marked with class working voltage & AS/NZ standard
- Electrically tested each meter



Cut lengths and special sizes available. Please contact TEN for further information.

#### CLASS 0

#### CLASS 2

#### CLASS 4

Working Voltage	: 1,000V	: 17,000V	: 36,000V
Proof Voltage	: 5,000V	: 20,000V	: 40,000V
Withstand Voltage	: 10,000V	: 30,000V	: 50,000V

Part No.	Working Voltage kV (AC/DC)	Standard	ASTM Class	Dimensions (m)	Thickness (mm)	Weight (kg)
MAT0-1MX1M-ASNZ	1/1.5	AS/NZS IEC61111 :2020	0	1 x 1	2.2	3.3
MAT0-1MX10M-ASNZ	1/1.5		0	1 x 10	2.2	33
MAT2-1MX1M-ASNZ	17/25.5		2	1 x 1	2.6	3.9
MAT2-1MX10M-ASNZ	17/25.5		2	1 x 10	2.6	39
MAT4-1MX1M-ASNZ	36/54		4	1 x 1	5.2	7.9
MAT4-1MX10M-ASNZ	36/54		4	1 x 10	5.2	79

### Class 4 - Type I - Ground Mat

Electrical rubber insulating matting utilises material as per the ASTM-D178 standard. The non-conductive rubber mats help protect workers from electrical shocks. Anti-skid textured finish on both sides.

Leakage, moisture and water proof that guarantees a long functional life.

Material Composition:	Combination of natural rubber and synthetic polymers.
Anti-skid Design:	Anti-skid textured surface.
Tensile strength:	4.83Mpa (min.)
Elongation at Break:	250% (min.)
Aging Properties:	at 70±1 °C for 168 hours.
Tensile strength:	50% of original value.
Moisture Absorption:	1.5% (max.)

CLASS 4  
0.6m x 0.6m  
12.7mm thick

Part No.	Working Voltage kV (AC/DC)	Material Standard	Dimensions (m)	Thickness (mm)	Weight (kg)
MAT4-60X60-D178	36/54	ASTM-D178	0.6 x 0.6	12.7	12.0

### Mat and Blanket Mat Roll

- Protects & keeps mats clean
- Heavy Duty PVC Roll - Yellow
- Webbing carry handle
- Clear sleeve for identification or next test date tag

Perfect for storing mats

Part No.	Dimensions (mm)	Wt (kg)
TENM738	1135 (L) x 1050 (W)	0.8

