



**Quality Tools, Equipment & Line Materials for the Energy Industry.**

## Rubber Ground Mats - Class 0 - 2 - 4

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.

Due to its resistivity, Rubber Electrical Insulation Mats provide a high level of Electrical protection, and are perfect for many insulating applications throughout the Electrical industry. Safety is paramount when Utility Workers and Electrical Contractors work in trenches, on switchboards and during the stringing of overhead conductors. The Rubber mat is an integral part of their PPE equipment.

The Mats are marked with the colour according to the colour coding of the Standard. Mats conform to the following specifications:

- Puncture resistance test
- Flame retardant test
- Acid resistance test
- Oil resistance test
- Dielectric test
- Ageing test

### 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, however cut lengths and special sizes are also available
- Conforms to AS/NZ IEC 61111 requirements
- Every 300mm is marked with class working voltage & AS/NZ standard
- Electrically tested each meter



### CLASS 0

**Class 0 C** Max. use:  
 1 kV AC  
 1.5 kV DC  
 AS/NZS IEC 61111 12/20

Working Voltage : 1,000V  
 Proof Voltage : 5,000V  
 Withstand Voltage : 10,000V

### CLASS 2

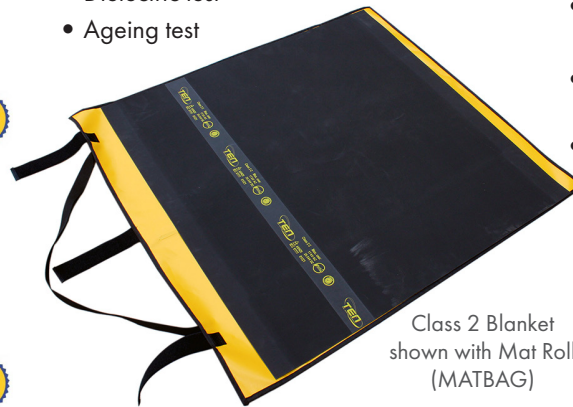
**Class 2 C** Max. use:  
 17 kV AC  
 23.5 kV DC  
 AS/NZS IEC 61111 12/20

Working Voltage : 17,000V  
 Proof Voltage : 20,000V  
 Withstand Voltage : 30,000V

### CLASS 4

**Class 4 C** Max. use:  
 36 kV AC  
 54 kV DC  
 AS/NZS IEC 61111 12/20

Working Voltage : 36,000V  
 Proof Voltage : 40,000V  
 Withstand Voltage : 50,000V



Class 2 Blanket shown with Mat Roll (MATBAG)

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



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

## Mat and Blanket Mat Roll

### Part No. MATBAG

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



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

