





## MP-... 3 100

## Insulating mat Class 3 - 1 x 1 m

## Application:

CATU Electrical Insulating Mats conform to IEC 61111:2009 and are manufactured using high quality elastomer rubber in order to provide complete protection against electric shock, isolating users from potentially life-threatening electrical currents..

CATU Electrical Insulating Mats are suitable for use in outdoor and indoor applications and are generally placed in front of electrical panels, switch gears & high voltage equipment in order to create a safe working environment for the operators/users.

The choice of the class must be determined according to the maximal nominal voltage of the network.

Rigorous testing to conform to the IEC 61111:2009 standard includes:

• Puncture resistance test

· Flame retardance test

• Dielectric test

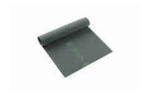
· Acid resistance test

· Ageing test

· Oil resistance test

## Features:

- · Insulating mat for live and dead working.
- Class 3 Maximum operating voltage: 26 500 V AC 39 750 V DC.
- Used to cover the floor for the electrical protection of operators in electrical installations.
- Protect the workers from the ground potential.
- · Must be adapted to the nominal voltage of the network supplying the installation on which it is used.
- In accordance with IEC 61111:2009 standard and to specific properties of the "C" Category (extremely low temperature folding test at  $-40\,^{\circ}$ C). RoHS2 compliant. REACH compliant (SVHC free).
- Material: elastomer, halogen free.
- Thickness: 3.2mm +/-0.2mm.
- 2D bar code (Datamatrix) on marking with direct link to user guide and technical sheet.
- Storage temperature: +10°C to +21°C.
- Operating temperature: -40°C to +55°C.



Reference		Voltage		Dimensions			
	Class	Operating Voltage AC	Operating Voltage DC	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)

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**MP-42/11** 3 26 500 V 39 750 V 1 000 1 000 3,2 4,5

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