





## MP-... 4 100

Insulating mat class 4 - width 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

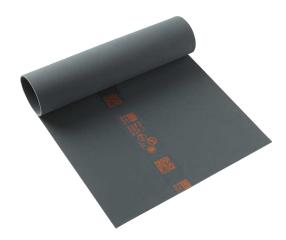
· Ageing test

· Oil resistance test

## Features:

- · Insulating mat for live and dead working.
- Class 4 Maximum operating voltage: 36 000 V AC 54 000 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 °C). RoHS2 compliant. REACH compliant (SVHC free).
- Material: elastomer, halogen free.
- Thickness: 5mm +/-0.2mm.
- D 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.





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| Reference    | Class | Voltage                    |                            | Dimensions     |               |                   |             |
|--------------|-------|----------------------------|----------------------------|----------------|---------------|-------------------|-------------|
|              |       | Operating<br>Voltage<br>AC | Operating<br>Voltage<br>DC | Length<br>(mm) | Width<br>(mm) | Thickness<br>(mm) | Weight (kg) |
| MP-100/05-1  | 4     | 36 000 V                   | 54 000 V                   | 1 000          | 1 000         | 5                 | 8,9         |
| MP-100/05-10 | 4     | 36 000 V                   | 54 000 V                   | 10 000         | 1 000         | 5                 | 89          |
| MP-100/05-5  | 4     | 36 000 V                   | 54 000 V                   | 5 000          | 1 000         | 5                 | 44,5        |
| MP-120/05-1  | 4     | 36 000 V                   | 54 000 V                   | 1 200          | 1 000         | 5                 | 10,5        |

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