

# Insulating Mats

## ■ Insulating Mats

Protective equipment against electric shock. Electrical insulating mat for use as a floor covering for the electrical protection of workers on electrical installations.

**Standard conformity:** IEC 61111. Live Working.

### Technical characteristics

- All references are in accordance with IEC 61111 standard and to specific properties of the "C" category (extremely low temperature folding test at -40°C). IEC 61111 standard is the only one international standard concerning insulating mats
- RoHS2 compliant
- REACH compliant (SVHC free)
- Zero halogen
- 2 D bar code (Datamatrix) on marking with direct link to user guide and technical sheet
- Insulating mats must be chosen according to the maximum service voltage of the installation
- High dielectric quality
- Rubber material with non-slip surfaces on both sides
- **Operating temperature:** -40 to + 55°C
- **Storage temperature:** +10 to +21°C
- Repetitive marking (2 markings every 1m min.)

### Standard references

- **Live working electrical insulating matting:** EN 61111, IEC 61111 standard, "C" category
- **RoHS2:** Directive 2011/65/EU Annex II
- **REACH:** SVHC list based on the publication by European Chemicals Agency (ECHA) on 2015 and Regulation (EC) N° 1907/2006 concerning the REACH
- **Zero halogen:** Tests based on EN 14582 guidelines.



# Insulating Mats

## ■ Class 3 & 4

Product Number	IEC61111	Thickness (mm)	Size (mm)	Weight (kg)	Maximum Service Voltage in kV	
					AC	DC
MP-42/66	Class 3	3.2	0.6 x 0.6	1.8	26.5	39.75
MP-42/16*			0.6 x 1	2.9		
MP-42/26			0.6 x 1.2	3.5		
MP-42/11*			1 x 1	4.5		
MP-120/03-1			1 x 1.2	5.4		
MP-120/03-2			1.2 x 1.2	6.5		
MP-60/03-5			0.6 x 0.5	14		
MP-60/03-10			0.6 x 1	28		
MP-100/03-5			1 x 5	22.5		
MP-100/03-10			1 x 10	45		
MP-120/03-5			1.2 x 5	27		
MP-120/03-10			1.2 x 10	54		

\*dentoes item is actively stocked

Product Number	IEC61111	Thickness (mm)	Size (mm)	Weight (kg)	Maximum Service Voltage in kV	
					AC	DC
MP-60/05-1	Class 4	5	0.6 x 1	4.5	36	54
MP-120/05-0			0.6 x 1.2	5.4		
MP-100/05-1			1 x 1	8.9		
MP-120/05-1			1 x 1.2	10.5		
MP-120/05-2			1.2 x 1.2	12.6		
MP-60/05-5			0.6 x 5	22		
MP-60/05-10			0.6 x 10	45		
MP-100/05-5			1 x 5	44.5		
MP-100/05-10			1 x 10	89		
MP-120/05-5			1.2 x 5	52.5		
MP-120/05-10			1.2 x 10	105		

**On multiphase circuits:** the nominal voltage is the phase to phase voltage.  
**On single phase circuits:** the nominal voltage is the phase to ground voltage.

### ■ Optional Accessories

Carrying bag for individual mats up to 0.7m width.

**Reference: MP-01**

Carrying bag for individual mats up to 1.1m width.

**Reference: MP-02**

