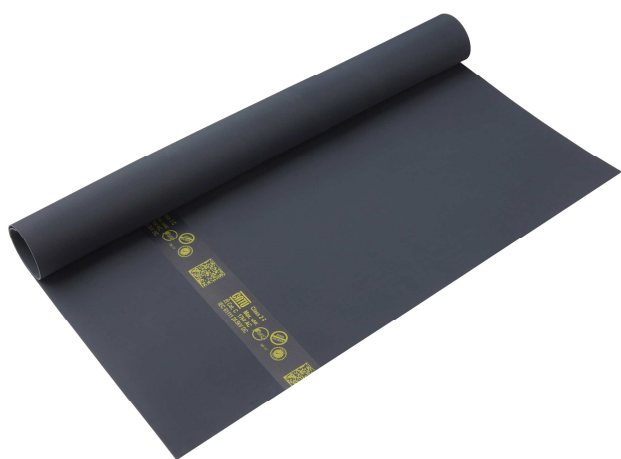




IEC 61111 INSULATING MATS

Series MP-11-20-42-60-100-120

Class 0 – 2 – 3 - 4



Detail of marking

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 1 m minimum).



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IEC 61111 INSULATING MATS

Class 0 – 2 – 3 - 4

RoHS2 compliant. Material free of Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE).	
REACH compliant. Material free of 163 Substances of Very High Concern (SVHC).	
Zero Halogen. Material free of Fluoride, Chlorine, Bromine and Iodine. The absence of halogen is a positive indicator for the safety and health of operators in the event of fire.	

REFERENCE / DIMENSIONS / WEIGHT / SERVICE VOLTAGE

Reference	IEC 61111	Thickness (mm)	Length x Width (m)	Weight (kg)	Maximum service voltage in kV (1)	
					AC	DC
MP-11/66	Class 0	2,2	0,6 x 0,6	1	1	1,5
MP-11/16			0,6 x 1	1,8		
MP-11/26			0,6 x 1,2	2		
MP-11/11			1 x 1	3		
MP-11/21			1 x 1,2	3,4		
MP-11/22			1,2 x 1,2	4		
MP-60/02-5			0,6 x 5	9		
MP-60/02-10			0,6 x 10	18		
MP-100/02-5			1 x 5	15		
MP-100/02-10			1 x 10	30		
MP-120/02-5			1,2 x 5	17		
MP-120/02-10			1,2 x 10	34		

MP-20/66	Class 2	2,6	0,6 x 0,6	1,5	17	25,5
MP-20/16			0,6 x 1	2,4		
MP-20/26			0,6 x 1,2	2,8		
MP-20/11			1 x 1	3,9		
MP-20/21			1 x 1,2	4,7		
MP-20/22			1,2 x 1,2	5,6		
MP-60/20-5			0,6 x 5	12		
MP-60/20-10			0,6 x 10	24		
MP-100/20-5			1 x 5	19,5		
MP-100/20-10			1 x 10	39		
MP-120/20-5			1,2 x 5	23,5		
MP-120/20-10			1,2 x 10	47		

(1) On multiphase circuits: the nominal voltage is the phase to phase voltage.
On single phase circuit: the nominal voltage is the phase to ground voltage.



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IEC 61111 INSULATING MATS

Class 0 – 2 – 3 - 4

Reference	IEC 61111	Thickness (mm)	Length x Width (m)	Weight (kg)	Maximum service voltage in kV (1)	
					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 5	14		
MP-60/03-10			0,6 x 10	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		
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		

(1) On multiphase circuits: the nominal voltage is the phase to phase voltage.
On single phase circuit: the nominal voltage is the phase to ground voltage.

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.



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IEC 61111 INSULATING MATS

Class 0 – 2 – 3 - 4

OPTIONAL ACCESSORIES

Carrying bag for individual mats up to 0.7 m width.

Reference: MP-01



Carrying bag for individual mats up to 1.1 m width.

Reference: MP-02

Strap "Velcro" type for maintaining the mat in rolled position.

Reference: MO-160



Shoulder strap for maintaining and carrying the mat in rolled position.

Reference: MO-161



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