



**PLEASE READ THESE INSTRUCTIONS CAREFULLY**  
Please retain this instruction manual for future reference

## IMPORTANT SAFEGUARDS

**THIS ELECTRICAL INSULATING MATTING INTENDED EXCLUSIVELY FOR ELECTRICAL SAFETY PURPOSES AND MUST ONLY BE USED BY SKILLED OR COMPETENT PERSONS FOLLOWING SAFE WORKING PROCEDURES.**

## IMPORTANT SAFETY NOTICE

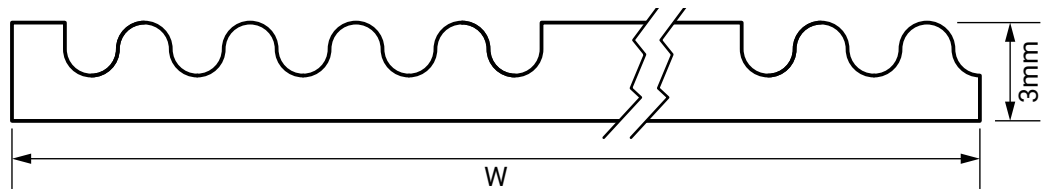
This Class 0 electrical insulating matting is intended as supplementary protective equipment for use by competent persons following safe working procedures. It must not be used above its maximum use voltage of 1kV. Before each use, inspect both sides of the matting for pinholes, cracks, tears, cuts, blisters, voids, embedded conductive material, tracking marks, burns, contamination or chemical damage. If any damage or doubt exists, remove the matting from service and return it for testing or dispose of it safely.

## DESCRIPTION

MCG Electrical Insulating Matting conforms to IEC 61111:2009 Class 0 and is intended for use as supplementary protective floor covering for electrical protection of workers on electrical installations. The matting has a ribbed/corrugated surface and a reverse surface designed to provide slip resistance. Both sides must be visually inspected before each use.

## TECHNICAL FEATURES

- 1kV rated insulating mat for live and dead working
- Class 0 - IEC 61111:2009
- Working Voltage: 1kV
- Proof Voltage: 5kV
- Withstand Voltage: 10kV
- Designed for indoor use only
- Anti-slip corrugated finish
- Available in 6 length options
- REACH compliant



Product Ref	Description	Maximum Working Voltage	Test Voltage	Withstand Voltage	Weight (kg)	Thickness	Length	Width
EIM31	1m Electrical Insulating Matting Class 0 - 1000V	1kV	5kV	10kV	4.05	3mm	1m	1m
EIM32	2m Electrical Insulating Matting Class 0 - 1000V	1kV	5kV	10kV	8.10	3mm	2m	1m
EIM33	3m Electrical Insulating Matting Class 0 - 1000V	1kV	5kV	10kV	12.15	3mm	3m	1m
EIM34	4m Electrical Insulating Matting Class 0 - 1000V	1kV	5kV	10kV	16.20	3mm	4m	1m
EIM35	5m Electrical Insulating Matting Class 0 - 1000V	1kV	5kV	10kV	20.25	3mm	5m	1m
EIM310	10m Electrical Insulating Matting Class 0 - 1000V	1kV	5kV	10kV	40.50	3mm	10m	1m





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## MARKINGS

Each Electrical Insulating Matting is labeled on every meter along the reverse side, indicating the MCG trademark, IEC 60417-5216 double triangle, working voltages, manufacture year and month, Class and color coding - Red for Class 0



REF: EIM3\*  
01/26



**MAX USE VOLTAGE: 1000V**  
**IEC 61111:2009 CLASS 0**

**PROOF VOLTAGE: 5000V**  
**WITHSTAND VOLTAGE: 10000V**

## TRANSPORTATION

It is advisable to pack the matting in a strong individual package to ensure it is adequately protected from potential damage.

## STORAGE

Store matting in its packaging, avoiding compression, folding, or placing near heat sources like steam pipes, radiators, direct sunlight, artificial light, or ozone. It is desirable that ambient temperature is between 10°C and 25°C

## EXAMINATION BEFORE USE

Each time before use including from brand new, the matting should be visually inspected. During visual inspection, attention should be paid to the presence of **pinholes, cracks, tears, cuts, blisters, voids, embedded conductive material, tracking marks, burns, or signs of oil/chemical damage**. IEC 61111:2009 specifically emphasizes cracks, tears, and small pinholes as key elements for pre-use evaluation. If the matting is thought to be unsafe, it shall not be used and should be returned for testing or disposed of safely to prevent reuse.

## MAINTENANCE & CLEANING

Matting should be protected from unnecessary exposure to heat, light, oil, grease, turpentine, white spirit, and strong acids. When rubber matting becomes dirty, it must be cleaned with soap and water at temperatures not exceeding those recommended by the manufacturer, followed by thorough drying.

Do not use petrol, paraffin or white spirit for cleaning. If insulating compounds such as tar or paint adhere to the mat, affected areas should be promptly wiped with an appropriate solvent, ensuring minimal use of the solvent, and then washed and treated as previously described. Any matting that becomes wet during use or cleaning must be dried thoroughly, ensuring that the temperature does not exceed 65°C.

## PERIODIC INSPECTION

No electrical insulating matting, including matting held in storage, should be used unless it has been inspected within the previous 12 months. For Class 0 matting, visual inspection is required. A routine dielectric test in accordance with IEC 61111:2009 may also be carried out where required by the owner, site procedure or risk assessment.

During visual inspection, both sides of the matting must be checked for pinholes, cracks, tears, cuts, blisters, voids, embedded conductive material, tracking marks, burns, contamination, or oil/chemical damage. If the matting is thought to be unsafe, it must not be used and should be returned for testing or disposed of safely to prevent reuse.

## POTENTIAL ALLERGENS

This product may contain natural rubber latex and/or rubber processing additives, which may cause an allergic reaction in sensitive individuals. Users with known sensitivities should avoid prolonged direct skin contact and seek appropriate advice before use.

## DISPOSAL

When the Electrical Insulating Matting reaches the end of its usable life or is no longer needed, it should be disposed of in accordance with local regulations. Any matting that is damaged or fails inspection must be immediately removed from service and must not be reused.