

Heavy Duty ESD Matting (KSDIA)

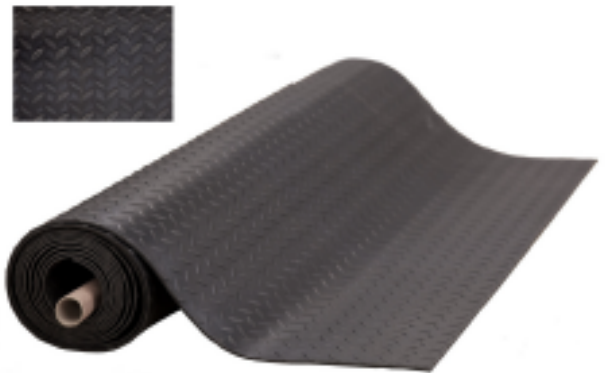
DESCRIPTION

Heavy duty black ESD rubber matting is manufactured for use in busy areas around machinery such as wave solder machines. This single layer material is highly durable, long-lasting and has a non-slip surface finish. The surface layer is resistant to most oils and acids and is solder splash resistant.

These mats are ideally suited to be used in conjunction with already grounded flooring. Can also be grounded via 1 megohm lead and stud. Standard roll size is 1.2m x 10m length with a thickness of 4mm. Custom sizes are available on request. Complies with the requirements of BS EN-61340-5.

FEATURES & BENEFITS

- Electrical Properties- surface resistance is less than $10^{(5)}$ ohms per square.
- Durable and long-lasting material.
- Non-slip finish.
- Standard rolls are 1.2m wide x 10m length (4mm thick).
- Surface layer is resistant to most oils and acids and is solder-splash resistant.
- Available in black.
- RoHS and REACH compliant.
- Complies with the requirements of BS EN-61340-5; ESD standards of manufacturing.



CLEANING

For optimum electrical performance, the surface must be cleaned regularly using an ESD-safe mat cleaner. Dirt can behave as an insulator, it is important to regularly clean the mat before testing / monitoring the resistivity.

TECHNICAL

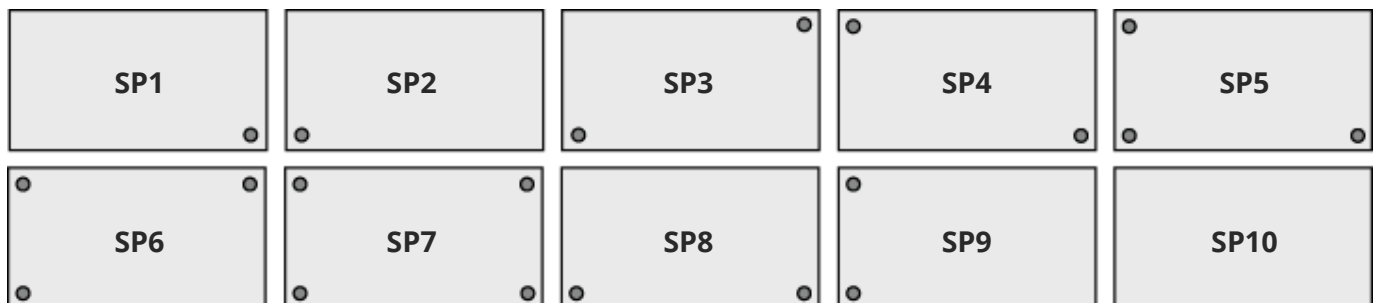
Electrical Properties

Typical Values

Surface layer resistance

Less than $10^{(5)}$ ohms per square.

STUD PLACEMENT



ROLL SIZING

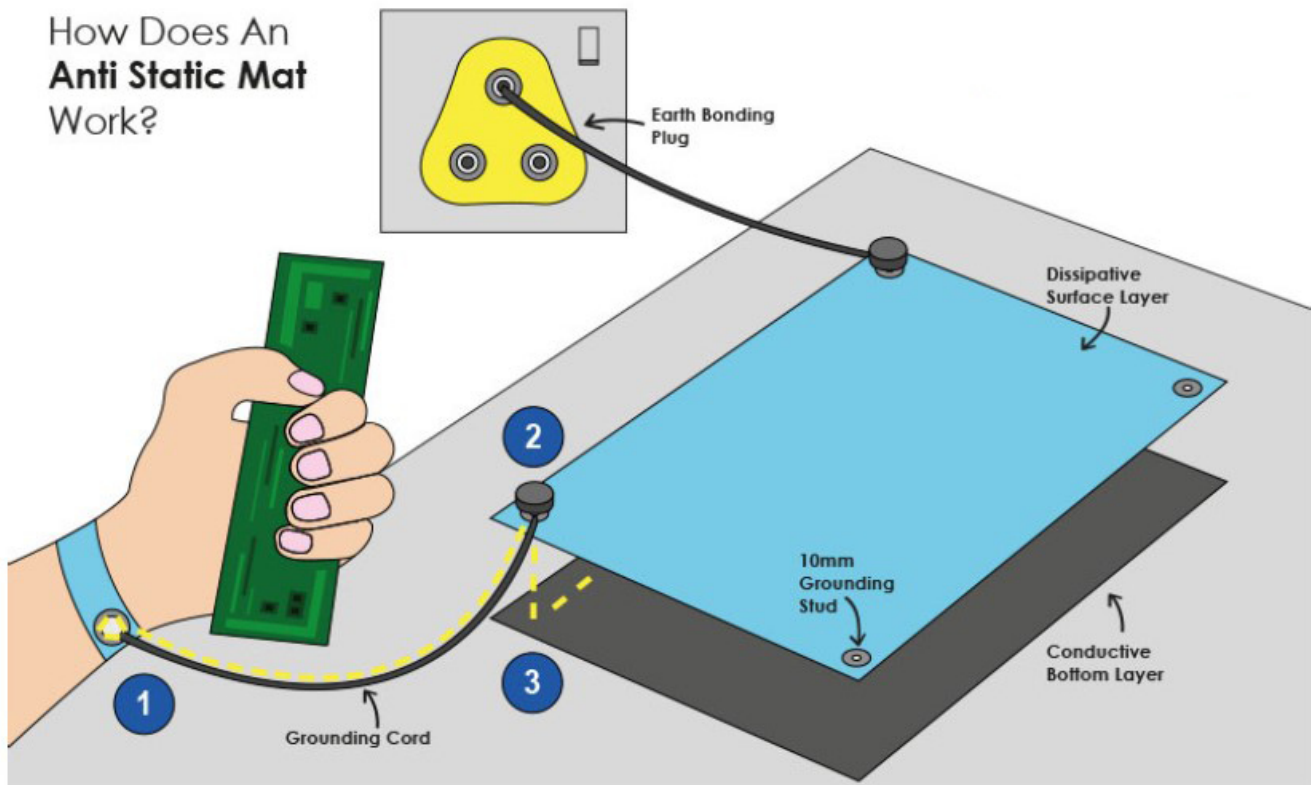
Full Roll Size: 10 x 1.2 m

Custom Sizes available on request

SOLDER CONNECTION

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How Does An
Anti Static Mat
Work?



- 1 Operator is grounded as charge passes through the wrist strap into the coil cord.
- 2 Coil cord is connected to the 10mm grounding stud.
- 3 The static charge passes through the mat, through the grounding lead to earth.

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