



ESD Comfort Work Matting

CWM

Description

This static-dissipative cushion matting is manufactured for use on workbenches in EPA/ESD sensitive areas. The cushioning offers a comfortable working surface for its operator which also helps to reduce mechanical damage to electronic parts (PCBs, etc). This matting should be used in conjunction with a grounded work surface. Can be supplied in rolls or pre-cut sizes. Material is 6mm thick and available in light grey. Note: There is a +/-10% manufacturing tolerance on all weights and measurements.

Features

- Vinyl foam material.
- Matting is static-dissipative.
- Supplied in rolls or pre-cut sizes (custom sizes on request).
- Provides excellent comfort for the operator and reduces mechanical damage to electronic parts.
- Should be used in conjunction with the grounded work surface.
- Material is 6mm + / - 10% thick.
- Standard colour is light grey.
- RoHS and REACH compliant.
- Compliant according to IEC-61340-1-5 standard.

Product	Description
CWM10	Full roll. 6mm thick. 1200mm wide x 10 metres long
CWMPK	Mats (Pack of 6). 6mm thick. 380mm x 450mm
Custom sizes available on request.	



Colour options:
Light grey

Cleaning Method

For optimum electrical performance, the surface must be cleaned regularly using an ESD-safe mat cleaner. We suggest using Staticide mat and table-top cleaner for best cleaning results. This will maintain the original resistivity of the anti-static mat whilst extending its shelf-life.





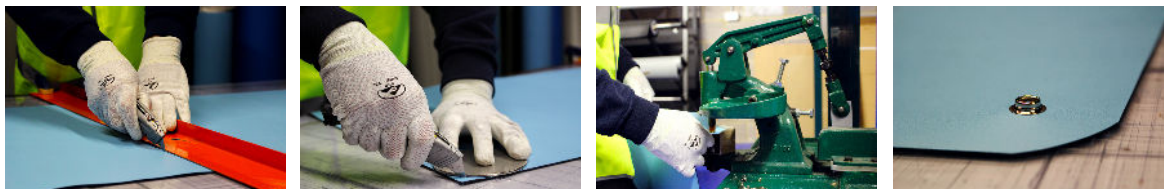
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General Specifications	Typical Values
Material	Vinyl foam
Surface resistance	< 10 ¹⁰ ohms / square
Surface resistance	< 10 ⁹ ohms / square (When used in conjunction with a dissipative work top.)
Density	260 – 290 Kgs / m ³
Thickness	5mm + / -10%
Colour	Grey
Elongation	150%
Compression set	10% (max)
Water absorption	8 – 10%
Cold flex	Pass - 30 ° c
Fire rating	Self- extinguishing
Temperature	- 50 ° c - +60 ° c
Chemical composition	Good resistance to acids, mineral oil, alcohol, alkalis, petrol, soap and detergents.
Limitations	The product must not be used for applications where there is food contact.

Customised Matting Process

We provide a premium service of bespoke custom sizing for our bench matting to suit all customer requirements. If you would like bespoke customisation, please make an enquiry to us.



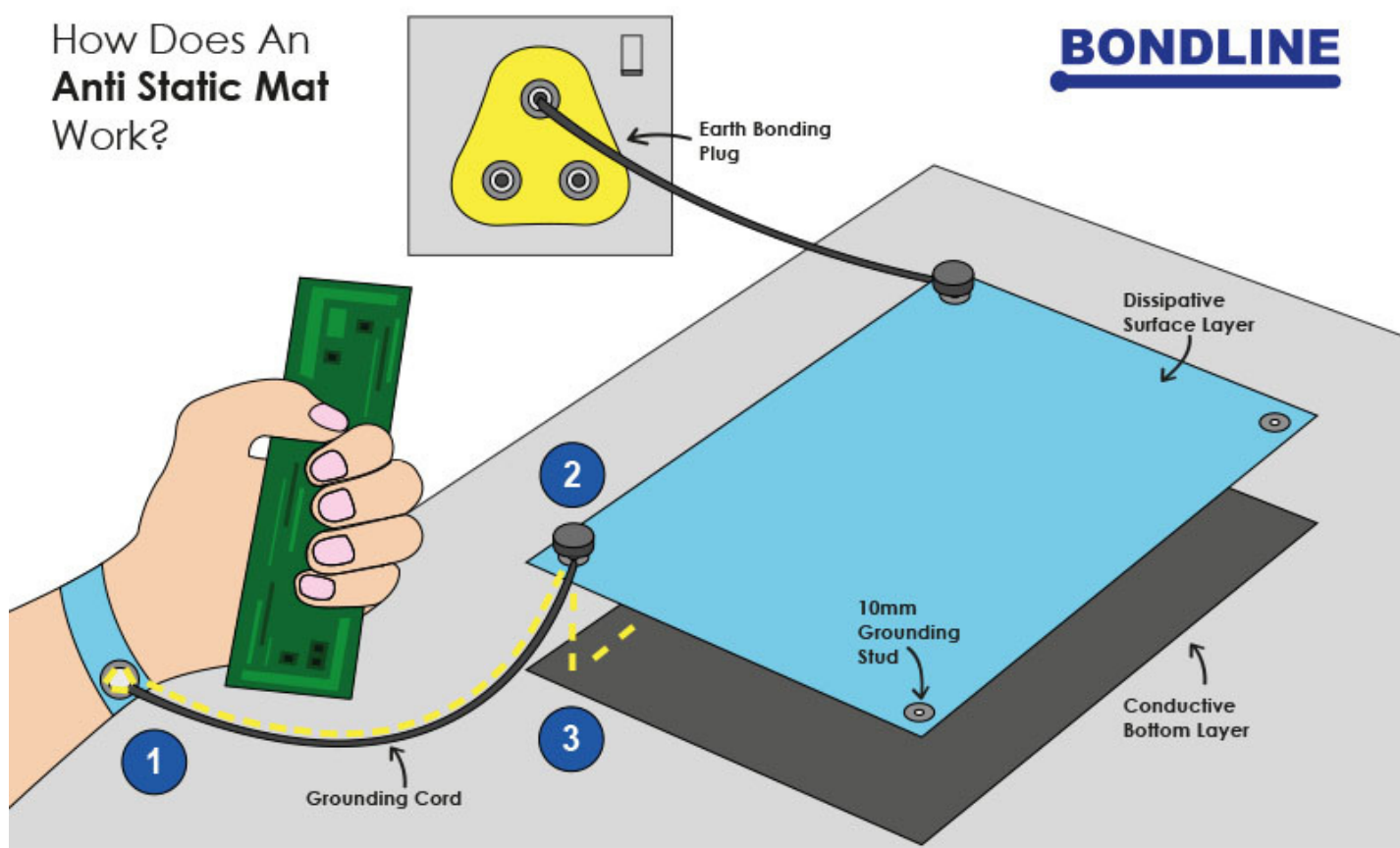


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How Does An
Anti Static Mat
Work?



- 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.



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. ESD Comfort Work Matting, May 19th 2021.