



Premium ESD Vinyl Bench Matting

VBLM (cut mats available on request)

Description

Superior performance, three-layer, static-dissipative, vinyl work surface matting. This vinyl three-layer bench matting provides excellent protection against harmful static charges. It is specifically manufactured for use on workbenches to protect components and operatives. The matting has a surface resistance of $10^{(6)} - 10^{(9)}$ ohms / square and is 3mm thick. Can be supplied in any cut sizes on request and is available in blue or grey as standard. The surface layer is made from a solid vinyl material with a conductive centre layer and a foam base. Light pebble surface finish. Textured vinyl top surface is chemical and scratch resistant. Meets or exceeds IEC 61340-5-1 resistance requirements.



Features

- Superior static-dissipative work surface mat.
- Designed to protect bench, components and operatives.
- Two sizes available (custom sizes on request).
- Available in blue or grey.
- 3mm thick.
- Very good lay-flat properties.
- Easy wipe-clean, scratch and chemical resistant surface.
- ($10^6 - 10^9$ ohms/square).
- Meets or exceeds IEC 61340-5-1 resistance requirements.
- Grounded via a 10mm male stud fitted to the mat.
- Foam base cushions dropped components, while providing a comfortable work surface.
- RoHS and REACH compliant.



Product Ref.	Description
VBLM10	1.2m x 15m - maximum roll
VBLM42	1.2m x 600mm - standard mat - 10mm stud in each corner

Cleaning

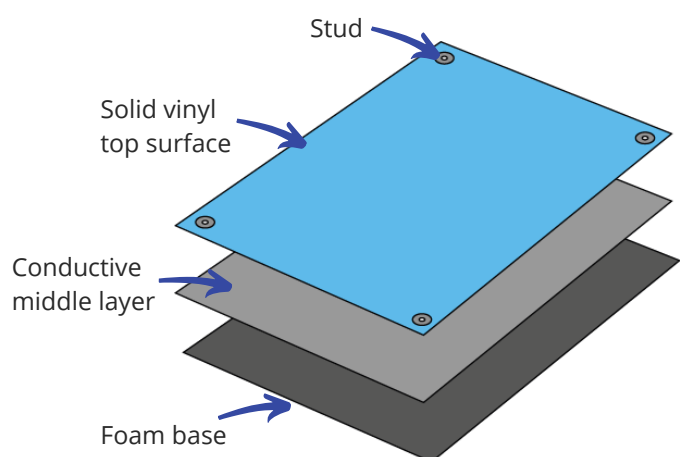
For optimum electrical performance, the bench matting must be cleaned regularly using an ESD-safe mat cleaner. We suggest using our Staticide mat and table top cleaner for best cleaning results. This will maintain the original resistivity of the anti-static matting whilst extending its shelf-life.





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Construction

The matting is made up of three-layers, including the following:

- A solid vinyl top surface.
- A buried conductive middle layer for superior ESD protection.
- A foam base.

General Specifications	Typical Values
Material	Triple layer vinyl with a buried conductive layer
Construction	Three layer - vinyl surface, buried conductive middle layer and foam base
Thickness	3.00mm
Colour	Blue or grey with a light pebble surface finish.
Actual resistance measurements	$1 \times 10^{(7)} \Omega$ to $1 \times 10^{(9)} \Omega$
Size	1.2m x 15m maximum roll or 1.2m x 600mm standard mat (or custom)
Scratch resistance	No clear scratch



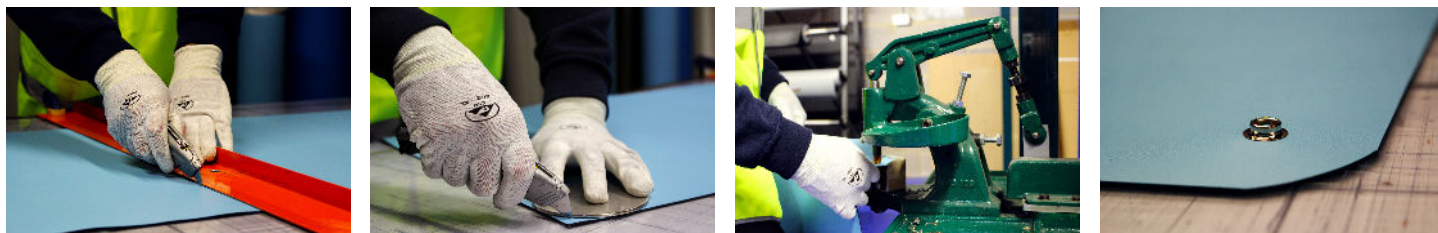


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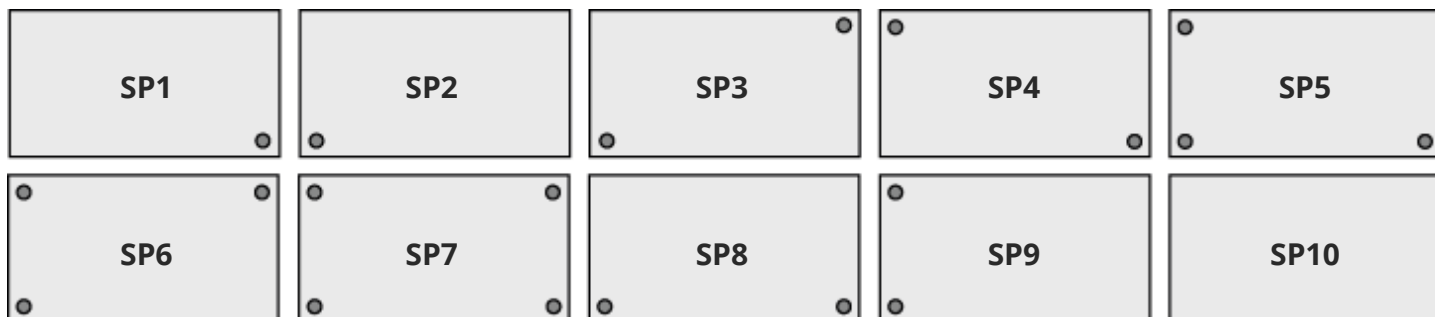
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Customised Matting Process

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



Stud Position



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. Premium ESD Vinyl Bench Matting, May 19th 2021.