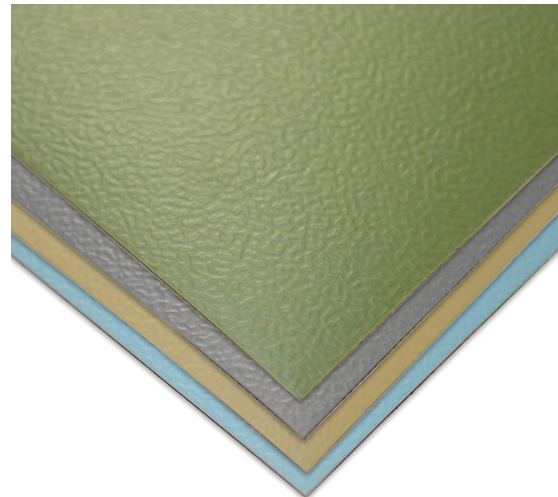


PRODUCT

Premium Textured 2-Layer Antistatic Matting

TECHNICAL DATASHEET



DESCRIPTION

This textured, two-layer ESD bench mat features a dissipative top layer and a conductive bottom layer. It is designed for use within EPA workspaces, offering a reflection-breaking finish that reduces glare and enhances operator comfort. Made from durable rubber, it provides protection against small collisions and is ideal for high-performance applications.

FEATURES

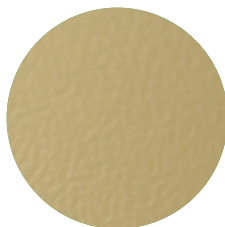
- 100% PVC and PHTALATE free
- Excellent flexibility, comfort, chemical, heat and oil resistance
- Scratch resistant
- Suitable for loose laying
- Custom bespoke sizes available on request

COLOURS

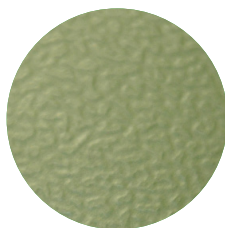
Blue



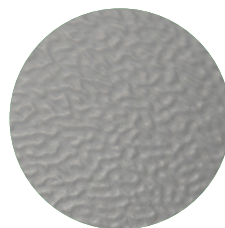
Beige



Green



Grey



PRODUCT CODE	DESCRIPTION	SIZE (METRIC)	SIZE (IMPERIAL)	COLOUR	NOTES
082-0028	ESD Bench Matting - Textured Finish	1.2m x 10m	4ft x 32.8ft	Blue	Roll
082-0034	ESD Bench Matting - Textured Finish	1.2m x 10m	4ft x 32.8ft	Grey	Roll
082-0030	ESD Bench Matting - Textured Finish	1.2m x 10m	4ft x 32.8ft	Beige	Roll
082-0035	ESD Bench Matting - Textured Finish	1.2m x 10m	4ft x 32.8ft	Green	Roll
082-0024	ESD Bench Matting - Textured Finish	600mm x 1.2m	2ft x 4ft	Blue	Pre-cut
082-0025	ESD Bench Matting - Textured Finish	600mm x 1.2m	2ft x 4ft	Grey	Pre-cut
082-0026	ESD Bench Matting - Textured Finish	600mm x 1.2m	2ft x 4ft	Beige	Pre-cut
082-0027	ESD Bench Matting - Textured Finish	600mm x 1.2m	2ft x 4ft	Green	Pre-cut

Pre-cut mats are supplied with 4 x 10mm studs in each corner

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit www.antistat.co.uk

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Grounding

Sufficient ground cords should be used to reliably meet EN 61340-5-1 Table 3, less than 1×10^9 ohms for working surfaces. Industry recommendation is that continuous runs of ESD matting should be grounded at 10ft intervals to allow proper charge decay rates. Each individual ESD mat should be grounded with ground snaps located no further than five feet from either end.

Cleaning

Please note that contact between the matting surface and any acid or alkali solvent is strictly prohibited (such as Benzene, Alcohol etc), this will result in the antistatic performance degrading. If cleaning is required, the matting may be wiped with a cloth coated in a neutral solution (such as water).

Guidance on use

Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to relax for at least 4 hours before cutting to size. Matting should always be trimmed with a sharp knife or razor blade.

Cutting tolerances

Width ± 6 mm

Length ± 6 mm every linear foot of running material

TEST RESULTS

CHARACTERISTIC	STANDARD	UNIT	AVERAGE VALUES
Rgp - resistance to a groundable point	EN 61340-2-3	ohm	$< 1 * 10^9$
Rpp - point to point resistance	EN 61340-2-3	ohm	$< 1 * 10^9$
Hardness	ISO 48-4 (ISO 7619)	shore A	75
Residual indentation	EN/ISO 24343-1 (EN 433)	mm	< 0.20
Abrasion resistance	ISO 4649 (Met. A - 5N)	mm ³	< 200
Flexibility	EN/ISO 24344 Met. A O 20mm (EN 435)	-	Comply
Cigarette burn	EN 1399	-	No burn
Slip resistance, dynamic COF	EN 13893	-	> 0.30
Resistance to stains	EN/ISO 26987 (EN 423)	-	Resistant *
Resistance to oils and greases (oils type 1 and 3)	ASTM D 471	-	Limited change in volume and mass

* Depending on concentration and time of contact

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