

# **PRODUCT**

# ESD Bench Matting - Textured - 2 Layer Roll TECHNICAL DATASHEET

### **DESCRIPTION**

This double-layer, textured ESD bench mat is designed for EPA workbenches, offering enhanced grip and static control. It is heat-resistant for high-temperature applications, wear-resistant for durability, and water-resistant for easy cleaning. Strong adhesion ensures stability on work surfaces. Ideal for electronics manufacturing, assembly, and repair, it ensures safety and efficiency in any EPA workstation.

### **FEATURES**

- Sealed surface prevents contaminants.
- Water resistant which repels moisture for durability and easy cleaning
- Strong adhesion secures firmly for safe use.
- Great heat & chemical resistance.

## COLOURS



PRODUCT CODE	DESCRIPTION	COLOUR	SIZE (METRIC)	SIZE IMPERIAL)	NOTES
082-0349	ESD Bench Matting - Textured Finish	Light Blue	1.2m x 12m	3.9ft x 39.4ft	Per Roll
082-0350	ESD Bench Matting - Textured Finish	Deep Blue	1.2m x 12m	3.9ft x 39.4ft	Per Roll
082-0351	ESD Bench Matting - Textured Finish	Medium Blue	1.2m x 12m	3.9ft x 39.4ft	Per Roll
082-0352	ESD Bench Matting - Textured Finish	Gray	1.2m x 12m	3.9ft x 39.4ft	Per Roll
082-0353	ESD Bench Matting - Textured Finish	Green	1.2m x 12m	3.9ft x 39.4ft	Per Roll

Note: bespoke sizing available upon request

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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## **SPECIFICATIONS**

CHARACTERISTIC	STANDARD	RESULTS	
Size	-	2mm thick, 1.2m x 12 metre roll	
Colour	-	Light Blue, Deep Blue, Medium Blue, Grey, Green	
Surface	-	Textured	
Structure	-	2 layer composite structure	
	IEC 61340-4-1	$1 \times 10^{7} \Omega - 1 \times 10^{9} \Omega$	
Surface Resistance	EN 1000015-1	$1 \times 10^{6} \Omega$ — $1 \times 10^{8} \Omega$	
	EOS/ESD S11-11	$1 \times 10^{7} \Omega - 1 \times 10^{8} \Omega$	
Volume Resistance	IEC 61340-4-1	$1x10^{6}\Omega$ — $1x10^{8}\Omega$	
	EN 100015-1	$1 \times 10^{6} \Omega - 1 \times 10^{8} \Omega$	
Resistance to Ground	EOS/ESD S11-11	$1 \times 10^{6} \Omega$ — $1 \times 10^{8} \Omega$	
	IEC 61340-4-1	$5x10^{6}\Omega$ — $5x10^{7}\Omega$	
Charge Decay	FED TM 101C (5000V-50V)	≤0.01sec	
Material	-	Conductive rubber, static dissipative rubber	
Thickness	-	2mm	
Width	-	1.2m	
Length	-	12m per roll	
Tester	-	ETS 406C Static Decay Meter, 3M Model 701 Test Kit for Static Control Surfaces	
Hardness (ISO 7619)	ISO 7619	70±5 shore A	
Abrasion Resistance (ISO 4649, method A)	ISO 4649, method A	≤200mm3	
Indentation (EN433)	EN433	≤0,20mm	
Cigarette burning resistance (EN1399)	EN1399	No burn	
Chemical resistance (EN423)	EN423	Resistant to chemical agents normally used for maintenance	
Dimensional Stability (EN424 - 6h/80°C)	EN424 - 6h/80°C	≤0.4%	
Surface Resistance Top Layer (EN 100015.1- IEC61340)	En 100015.1- IEc61340	10 <sup>7</sup> Ω—10 <sup>9</sup> Ω	
Surface Resistance Bottom Layer (EN 100015.1-IEC61340)	En 100015.1- IEc61340	$10^{3}\Omega$ — $10^{5}\Omega$	

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