

ESD Matte Patterned Table Mat

◆ Product Description

ESD Matte Patterned Table Mat is a multi-functional protective consumable developed for electrostatic-sensitive industries. It adopts a double-layer composite hot-pressed bonding structure, with a matte anti-slip patterned anti-static rubber layer as the top layer and a highly conductive black rubber layer as the bottom layer. The matte surface can reduce light reflection, and the customized anti-slip patterns on the surface can enhance the placement stability of tools and devices, while preventing damage to sensitive devices such as chips, PCB boards and sensors caused by electrostatic discharge.

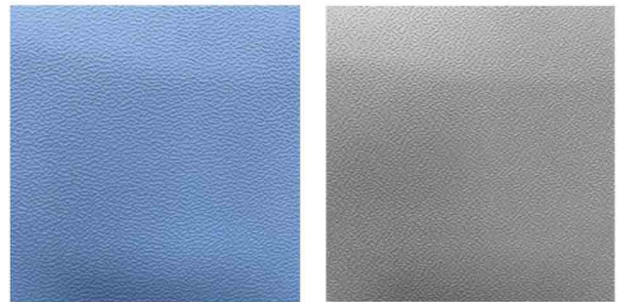
- High-efficiency Electrostatic Protection Performance
- Matte Patterned Anti-slip and Eye-protective Design
- Double-layer Composite Stable Structure
- Excellent Chemical and Wear Resistance
- Environmentally Friendly and Durable Material Properties

◆ Product structure

- ESD Matte Patterned Table Mat adopts a double-layer composite hot-pressed bonding structure with a regular overall thickness of 2MM, its top layer is a 0.6 MM matte anti-static rubber layer with anti-slip patterns, and the bottom layer is a 1.4MM black conductive rubber layer. The two layers work together to achieve quick and safe electrostatic discharge, and it is specially designed for workbench surface protection in electrostatic-sensitive industries such as electronics and semiconductors.

◆ Typical Applications

- ESD Blue-Black Glossy Table Mat is suitable for scenarios including electronic component production workshops, precision instrument laboratories, electronic product maintenance workbenches, electrostatic-sensitive material storage areas and production line quality inspection stations. With the characteristics of high-efficiency electrostatic protection, easy-to-clean glossy surface, and eye-catching blue-black color for convenient zoning, it not only ensures the safety of electrostatic-sensitive devices and the accuracy of experimental and quality inspection data, but also facilitates workshop on-site management and maintains a clean and orderly tabletop.



◆ Typical Product Data and Physical Properties

Upper Layer Material of Table Mat: Anti-static PVC/Nitrile Rubber
 Lower Layer Material of Table Mat: Conductive Rubber
 Color: Blue-Black/Gray-Black
 Total Thickness: 2 MM
 Gray Layer Thickness: 0.06 MM
 Surface Anti-static Resistance: $1.0 \times 10^6 - 1.0 \times 10^9 \Omega$
 Backside Anti-static Resistance: $1.0 \times 10^4 - 1.0 \times 10^6 \Omega$
 Electrostatic Decay Time: $< 0.5 \text{ s}$
 Temperature Resistance Range: $-10^\circ\text{C} - 60^\circ\text{C}$

Availability:

Item#	Model	Spec	Green Layer Thk	Packaging	Weight
1.2.01.02.0048	Blue Black	1.0*10M*2MM	0.6MM	10m/roll 1roll/carton	41kg
1.2.01.01.0089	Gray Black	1.0*10M*2MM	0.6MM	10m/roll 1roll/carton	41kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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