

## ESD Green-Black Glossy Table Mat

### ◆ Product Description

ESD Green and Black Glossy Table Mat (Color No.2) is a double-layer composite structure anti-static product specially designed for electronic manufacturing, laboratory and precision instrument operation environments. With the core features of a green glossy surface layer plus a black conductive bottom layer, it complies with ESD anti-static standards and can effectively protect electrostatic -sensitive components from electrostatic damage.



- Permanent anti-static performance
- Glossy marked surface layer in Color No.2
- Double-layer composite structure design
- Excellent chemical resistance and wear resistance
- Environmentally friendly and durable material characteristics

### ◆ Product structure

- Green and Black Glossy Table Mat (Color No.2) adopts a double-layer composite calendared structure. The surface layer is a green glossy antistatic dissipative PVC layer (Color No.2) with a resistance value of  $10E6-10E9\Omega$ , featuring stain-resistant, wear-resistant and easy-to-clean properties. the bottom layer is a black conductive PVC rubber layer with a resistance value of  $10E4-10E6\Omega$ , which is non-slip and capable of rapidly dissipating static electricity, thus effectively protecting electrostatic-sensitive components.

### ◆ Typical Product Data and Physical Properties

Upper Material of Table Mat: Anti-static PVC/Nitrile Rubber

Lower Material of Table Mat: Conductive Rubber

Color: No.2 Green-Black Glossy

Total Thickness: 2mm/1.8mm

Green Layer Thickness: 0.035mm/0.04mm

Anti-static Resistance (Front Side):  $1.0*10E6-1.0*10E9\Omega$

Anti-static Resistance (Back Side):  $1.0*10E4-1.0*10E6\Omega$

Electrostatic Decay Time: < 0.5s

Temperature Resistance Range:  $-10^{\circ}\text{C}-60^{\circ}\text{C}$

### Availability:

Item#	Model	Spec	Green Layer Thk	Packaging	Weight
1.2.01.02.0031	No.2 Green-Black	1.0*10M*2MM	0.04MM	10m/roll 1roll/carton	41kg
1.2.01.02.0028	No.2 Green-Black	1.2*10M*2MM	0.04MM	12m/roll 1roll/carton	49kg
1.2.01.02.0029	No.2 Green-Black	1.0*10M*2MM	0.035MM	10m/roll 1roll/carton	41kg
1.2.01.02.0012	No.2 Green-Black	1.2*10M*2MM	0.035MM	12m/roll 1roll/carton	49kg
1.2.01.02.0073	No.2 Green-Black	1.0*10M*1.8MM	0.035MM	10m/roll 1roll/carton	41kg
1.2.01.02.0072	No.2 Green-Black	1.2*10M*1.8MM	0.035MM	12m/roll 1roll/carton	49kg

### ◆ Typical Applications

- ESD Green and Black Glossy Table Mat (Color No.2) is suitable for operation tables in SMT production lines and electronic assembly workshops, high-precision operation tables in semiconductor and chip R&D laboratories, as well as maintenance and quality inspection workbenches for precision equipment such as medical devices. It protects electronic components from electrostatic damage while improving the standardization of workshop operation and management.

### ◆ 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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