

4MM Double-Wire Grid ESD Fabric

◆ Product Description

4MM Double-Wire Grid Anti-Static Fabric is a special functional fabric. By uniformly embedding conductive fibers in both warp and weft directions within a polyester or polyester-cotton blended base material, it forms a square conductive network with a spacing of 4MM*4MM, achieving full-range electrostatic protection functionality.



- Full-Range High-Efficiency Anti-Static
- Permanent Protection with No Performance Degradation
- Dust-Proof & Environment-Resistant Composite Properties
- Comfortable, Practical & Easy to Maintain
- Strong Multi-Scenario Adaptability

◆ Product Structure

- 4MM Double-Wire Grid Anti-Static Fabric is made of imported silk and 65% polyester + 35% cotton blended material, with a grammage of 135 g/m² and a width of 1.5 m. Adopting a 4MM Double-Wire Grid embedded conductive network design, it combines high-efficiency anti-static performance, high-end soft texture and stable durability through twill weave and targeted finishing processes.

◆ Typical Product Data and Physical Properties

Material: 65% Polyester + 35% Cotton + Silk
 Grammage: 135 g/m²
 Weaving Structure: 1/2 Twill Woven
 Warp & Weft Density: 27×24 Threads/cm
 Fabric Width: 1.5 Meters
 Surface Resistance: 10E5-10E6Ω
 Tensile Strength: ≥300 N/5cm
 Tear Strength: ≥30 N
 Air Permeability: ≥800 L/m²

Availability:

Item#	Color	Fabric Swatch No.	Packaging	Weight
1.1.03.01.0048	White	DM-W-050-005	100M/Roll	22.5kg
1.1.03.01.0052	Light Blue	DM-W-050-001	100M/Roll	22.5kg
1.1.03.01.0054	Blue	DM-W-050-003	100M/Roll	22.5kg
1.1.03.01.0056	Turquoise Blue	DM-W-050-006	100M/Roll	22.5kg
1.1.03.01.0058	Gray	DM-W-050-004	100M/Roll	22.5kg
1.1.03.01.0060	Black	DM-W-050-002	100M/Roll	22.5kg

◆ Typical Applications

- 4MM Double-Wire Grid Anti-Static Fabric is widely used in high-end electronic manufacturing, precision industry, medical and pharmaceutical, high-end chemical energy, aerospace and military industries, and other scenarios with high requirements for electrostatic protection, cleanliness, and wearing experience, ensuring the safety of precision products and production.

◆ 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.

KANBO is registered trademark of HORB. All rights reserved.