KANBO®

2.5MM Grid ESD Fabric

◆ Product Description

2.5mm ESD Grid Fabric is a functional fabric that uniformly embeds conductive fibers in a polyester base material, forming a grid structure through interweaving at 2.5mm spacing in both warp and weft directions. It is specifically designed for preventing static accumulation and rapid static discharge.

- Stable antistatic performance
- Grid design enhances functionality
- Durable and wear-resistant
- Safe for harsh environments
- Breathable and comfortable

◆ Product Structure

● 2.5MM Grid Anti-Static Fabric: Based on polyester substrate, adopting domestic conductive yarn, composed of 98% polyester and 2% carbon fiber conductive yarn, weight 107g±3g/m²; warp and weft density 63*32 threads/cm; fabric width 1.5m. It achieves high-efficiency anti-static performance and low particle generation through multi-path discharge, suitable for high-end clean manufacturing requirements.

◆ Typical Applications

● 10MM Straight-Strip ESD T/C Fabric is suitable for scenarios requiring medium or basic electrostatic protection such as electronic manufacturing, chemical & petroleum, food & pharmaceutical, and automotive electronics, as well as general industrial work environments. With stable anti-static performance, wear resistance, comfort, and cost-effectiveness, it meets the needs of various industrial workwear.

◆ Typical Product Data and Physical Properties

Material: 98% Polyester, 2% Carbon Fiber Conductive Yarn

Color: Multiple Colors Available

Weaving Process: Grid (2.5MM Spacing)

Weight: 107g±3g/m²

Fabric Width: 150CM

Warp & Weft Density: 63*32 threads/cm

Surface Resistance: 10E6-10E7Ω

Tear Strength: Warp >50N, Weft >45N

Air Permeability: >200L/m²/s

Availability:

Item#	Color	Size	Packaging	Weight
1.1.03.01.0229	White	Lj-1251	100M/Roll	24kg
1.1.03.01.0228	Blue	LJ-1255	100M/Roll	24kg
1.1.03.01.0208	Light Blue	Lj-1254	100M/Roll	24kg
1.1.03.01.0219	Navy Blue	LJ-1267	100M/Roll	24kg
1.1.03.01.0211	Gray	Lj-1266	100M/Roll	24kg
1.1.03.01.0213	Yellow	Lj-1252	100M/Roll	24kg
1.1.03.01.0405	Light Yellow	LJ-1261	100M/Roll	24kg
1.1.03.01.0212	Green	Lj-1262	100M/Roll	24kg
1.1.03.01.0207	Pink	Lj-1253	100M/Roll	24kg
1.1.03.01.0407	Red	LJ-1256	100M/Roll	24kg

◆ 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.