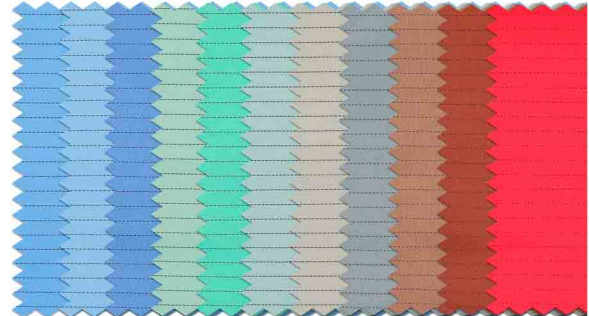
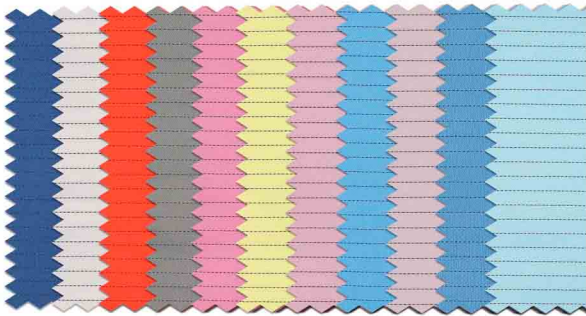


5MM Straight Stripe ESD Fabric



◆ Product Description

ESD straight-stripe fabric is a functional fabric. Its core structure consists of parallel straight stripes formed by regularly weaving conductive fibers in the warp direction, with polyester as the base material. It can rapidly dissipate static electricity generated on the surface of the human body or objects and inhibit charge accumulation.

- Stable anti-static performance
- Functional Square Design
- Durable & Abrasion-Resistant
- Safe for Hazardous Environments
- Breathable & Comfortable

◆ Product Structure

- ESD straight-stripe fabric uses polyester as the base material, adopting domestic conductive filaments, composed of 98% polyester and 2% carbon fiber conductive yarn, with a grammage of $107g \pm 3g/m^2$; Warp and weft density: 63*32 threads/cm; width: 1.5m; Woven with plain weave/twill weave technology. It is cost-effective and features unidirectional static discharge function.

◆ Typical Applications

- ESD grid fabric is widely used in scenarios such as semiconductor manufacturing aerospace electronic assembly, biopharmaceutical cleanrooms, chemical hazardous material storage, precision PCB production, and laboratory gene sequencing. Through its antistatic and dust-proof functions, it ensures the safety of sensitive components, equipment precision, and workplace safety

◆ Typical Product Data and Physical Properties

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

Color: Multiple colors available

Weaving Process: 5MM straight stripe width

Grammage: $107g \pm 3g/m^2$

Fabric Width: 150CM

Warp & Weft Density: 63*32 threads/cm

Surface Resistance: $10E6-10E7\Omega$

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

Air Permeability: >200 L/(m²·s)

Availability:

Item#	Color	Fabric Swatch No.	Packaging	Weight
1.1.03.01.0247	White	LJ-1001	100M/Roll	20kg
1.1.03.01.0271	Pink	LJ-1024	100M/Roll	20kg
1.1.03.01.0238	Blue	LJ-1047	100M/Roll	20kg
1.1.03.01.0302	Blue	LJ-1026	100M/Roll	20kg
1.1.03.01.0255	Orange-Red	LJ-1017	100M/Roll	20kg
1.1.03.01.0256	Gray	LJ-1039	100M/Roll	20kg
1.1.03.01.0263	Bright Yellow	LJ-1002	100M/Roll	20kg
1.1.03.01.0251	Navy Blue	LJ-1021	100M/Roll	20kg
1.1.03.01.0260	Fuchsia	LJ-1007	100M/Roll	20kg
1.1.03.01.0387	Pink	LJ-1005	100M/Roll	20kg
1.1.03.01.0388	Dark Blue	LJ-1028	100M/Roll	20kg
1.1.03.01.0389	Light Blue	LJ-1008	100M/Roll	20kg
1.1.03.01.0390	Blue	LJ-1047	100M/Roll	20kg
1.1.03.01.0391	Sky Blue	LJ-1009	100M/Roll	20kg
1.1.03.01.0392	Medium Blue	LJ-1010	100M/Roll	20kg
1.1.03.01.0393	Green	LJ-1033	100M/Roll	20kg
1.1.03.01.0394	Emerald Green	LJ-1014	100M/Roll	20kg
1.1.03.01.0395	Light Green	LJ-1030	100M/Roll	20kg
1.1.03.01.0396	Pale Yellow	LJ-1004	100M/Roll	20kg
1.1.03.01.0397	Gray	LJ-1018	100M/Roll	20kg
1.1.03.01.0398	Brown	LJ-1034	100M/Roll	20kg
1.1.03.01.0399	Dark Brown	LJ-1035	100M/Roll	20kg
1.1.03.01.0400	Red	LJ-1056	100M/Roll	20kg

◆ 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 for reference only

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