

10MM Straight Stripe ESD T/C Fabric

◆ Product Description

This fabric is a cost-effective domestic functional fabric specifically designed for industrial electrostatic protection. Based on 35% cotton + 65% polyester, it incorporates straight conductive fibers with a 10mm pitch, combining safety protection with practical comfort.



- Stable and durable antistatic performance
- Balanced cotton-polyester compatibility
- Excellent structural strength
- High-breathability practical design
- Multi-scenario adaptability

◆ Product Structure

- 10MM Straight Stripe ESD T/C Fabric is composed of 35% cotton + 65% polyester, woven in 1/2 twill construction with a grammage of 240 g/m² and a width of 1.5m. Straight conductive fibers are embedded in the warp direction at 10MM spacing. Through material synergy and functional structural design, it balances anti-static stability, physical strength and practical adaptability.

◆ Typical Product Data and Physical Properties

Material: 35% Cotton + 65% Polyester + Silk

Gram Weight: 240g/m²

Weaving Structure: 1/2 Twill Woven

Warp and Weft Density: 100×53 threads/cm

Width: 1.5m

Surface Resistance: ≤1×10E9Ω

Tensile Strength: Warp Direction ≥450N/5CM; Weft Direction ≥380N/5CM

Abrasion Resistance: ≥12,000 cycles

Availability:

Item#	Color	Fabric Swatch No.	Packaging	Weight
1.1.03.02.0012	Navy Blue	DM-Z-100-001	100M/Roll	28kg
1.1.03.02.0022	Red	DM-Z-100-002	100M/Roll	28kg
1.1.03.02.0020	Indigo	DM-Z-100-003	100M/Roll	28kg
1.1.03.02.0013	Pink	DM-Z-100-004	100M/Roll	28kg
1.1.03.02.0007	Golden Yellow	DM-Z-100-005	100M/Roll	28kg

◆ 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.

◆ 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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