

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: $\leq 1 \times 10^9 \Omega$
Tensile Strength: Warp Direction $\geq 450 \text{N/5CM}$; Weft Direction $\geq 380 \text{N/5CM}$
Abrasion Resistance: $\geq 12,000$ 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

◆ 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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