

Material Specification

ANTISTATIC



MATERIAL: ANTISTATIC TREVIRA CS polyester material is made of TREVIRA CS fibres and woven by the weaving mill of Euro Air. The TREVIRA CS materials are woven in a twill weave that combined with the heavy-duty and twisted staple fibres ensures the largest possible textile surface and by that longer washing intervals. ANTISTATIC TREVIRA CS is DIN 54345 (2×10^5 ohm/cm) approved.

CONSTRUCTION: Heatset, shrinkage- and permeability-stabilized material.

Type		ANTISTATIC 325	ANTISTATIC 550	Standard
Weight (%) -/+5	g/m ²	300	340	EN-ISO 5077
Thickness (%) -/+10	mm	0.6	0.65	EN-ISO 12127:1997
Permeability	m ³ /m ² /h 120 Pa	325	550	EN-ISO 9237:1995
	Tolerance (%)	-6/+15	-6/+15	
Tensile strength (%) -/+10	Warp / Weft N/50 mm	2800 / 1100	2700 / 1300	EN-ISO 13934-1
Resistance to tearing (%) -/+10	Warp / Weft N	112 / 69	95 / 72	EN-ISO 13937:2
*Dust retention Filter class		F7	F6	EN-ISO 779
**Shrinkage in wash	(%) 40°C	0.5	0.5	EN-ISO 5077
Melting point	°C	254	254	
Operating temperature	°C	80/-45	80/-45	
Spontaneous ignition temp.	°C	508	508	
Water absorption	(%) at 90% RF	0.4	0.4	
Electrostatic Resistance	Ohm/cm	2×10^5	2×10^5	DIN 54345
Clean room classification		N/A	N/A	ISO-14644-1
Fire resistance	B-S1-d0	B-S1-d0	B-S1-d0	EN-13501 AC 167 NFPA 90 A
	Yes	Yes	Yes	
Oeko-Tex®			Approved	
Cradle to Cradle™			N/A	

*EA measurement **Washed and dried according to Euro Air instruction

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