

# Antistatic TCS

ANTISTATIC TCS polyester material with steel fibres is made of TREVIRA CS fibres and woven by the weaving mill of Euro Air. The TCS materials are woven in a twill weave that combined with the heavy-duty and twisted staple fibres ensures the largest possible fabric surface and by that longer washing intervals. ANTISTATIC TCS is DIN 54345-1 ( $\leq 2 \times 10^3$  Ohm) approved.

Heatset, shrinkage and permeability stabilised material.



Type		ANTISTATIC 325	ANTISTATIC 550	Standard
Weight (%) -/+5	g/m <sup>2</sup>	300	290	EN-ISO 5077
Thickness (%) -/+10	mm	0.6	0.65	EN-ISO 12127:1997
Permeability	m <sup>3</sup> /m <sup>2</sup> /h 120 Pa	325	550	EN-ISO 9237:1995
	Tolerance (%)	-6/+15	-6/+15	
Tensile strength (%) -/+10	Warp / Weft N/50 mm	2700 / 1100	2900 / 890	EN-ISO 13934-1
Resistance to tearing (%) -/+10	Warp / Weft N	110 / 80	110 / 90	EN-ISO 13937:2
*Dust retention Filter class		M6	M6	EN-ISO 779:2012
**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	$\leq 2 \times 10^3$	$\leq 2 \times 10^3$	DIN 54345-1
Clean room classification		N/A	N/A	ISO-14644-1
Fire resistance		B-S1-d0	B-S1-d0	EN-13501 AC 167 UL 2518 NFPA 90 A
		Yes	Yes	
Oeko-Tex®		Approved	Approved	Standard 100
Cradle to Cradle™		N/A	N/A	

\*EA measurement

\*\*Washed and dried according to Euro Air instructions

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