

Material Specification

Antistatic GreenWeave

KE FIBERTEC

AIR THE WAY YOU WANT

MATERIAL: High Dust Capacity polyester material with steel fibres and woven by KE Fibertec Væveri (textile mill). The Antistatic GreenWeave 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 GreenWeave is DIN 54345 (2×10^5 ohm/cm) approved.

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

Type KE-Datasheet		GWA200 20	GWA320 21	GWA500 22	Standard
Weight (%) -/+5	g/m ²	325	300	290	EN-ISO 5077
Thickness (%) -/+10	mm	0.6	0.6	0.65	EN-ISO 12127:1997
Permeability	m ³ /m ² /h 120 Pa Tolerance (%)	200	320	500	EN-ISO 9237:1995
		-7/+19	-6/+15	-6/+15	
Tensile strength (%) -/+10	Warp / Weft N/50 mm	2200 / 1100	2700 / 1100	2900 / 890	EN-ISO 13934-1
Resistance to tearing (%) -/+10	Warp / Weft N	70 / 40	110 / 80	110 / 90	EN-ISO 13937:2
*Retention grade		F6	F6	F5	EN-ISO 779
**Shrinkage in wash	(%) 40 °C	0.5	0.5	0.5	EN-ISO 5077
Melting point	°C	254	254	254	
Operating temperature	°C	60/-45	60/-45	60/-45	
Spontaneous ignition temp.	°C	508	508	508	
Water absorption	(%) at 90% RF	0.4	0.4	0.4	
Electrostatic Resistance	Ohm/cm	2×10^5	2×10^5	2×10^5	DIN 54345
Clean room classification		N/A	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	Approved	Approved	Standard 100
Cradle to Cradle®		N/A	N/A	N/A	

*KE-measurement **Washed and dried according to KE Fibertec instructions

Antistatic materials must be grounded (ventilation duct) in order to maintain their functionality and for the material to comply with the tested norm.

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