StatZorb® Wipes

Electrostatic dissipative polyester wipes

The StatZorb® Wipe is made from polyester fabric with a conductive fiber knitted in a specially designed grid pattern that minimizes “hot spots.” The antistatic properties are uniform on both sides of the wipe. The surface resistivity is 4.3 x 10^7. The static decay time is less than 1.5 seconds.

The wipes are laundered for very low levels of particles and fibers. The laser-cut edges seal particles at the wipe’s edge. The wipe are ideal for the dry wiping of sensitive electronic components and general cleaning in ESD sensitive areas. They are also suitable for use in disc drive or MR head manufacturing.

These wipes meet the requirements of USP<797> and IEST-CC-RP004.4 for “non-shedding, low-lint, lint-free wipes”.

Features	Benefits
Knitted with a conductive fiber in a specially designed grid pattern	• Minimizes “hot spots”
Polyester fabric	• Extremely low in both particles and extractables
Antistatic fabric	• Abrasion and chemical resistant

Part No.	Description	Size	Packaging
SZ-99	StatZorb Wipes Flat stacked	9” x 9” (230 x 230 mm)	75/bag; 24 bags/case

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CONTEC® CLEANROOM

Product Information	
Material	100% polyester
Construction	Interlock knit
Packaging materials	Outer bags (OB1, OB2), low density polyethylene (LDPE) Case (CS), corrugated fiberboard (PAP)
Environment	ISO 3-8 Grade C/D

Recycle Symbols

PET 1

HDPE 2

LDPE 4

PP 5

PAP 20

Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m^2)	135	Contec Method
Sorbent capacity; (mL/m^2)	215	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	1	
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m^2)	0.075	
In isopropyl alcohol; (g/m^2)	0.332	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	12	
Chloride; (ppm)	9	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
Particles $\geq$ 0.5µm; ($x10^6/m^2$)	33.6	
Fibers $\geq$ 100µm; ($x\ 10^3/m^2$)	5.7	

Packaging	EA/OB1	OB1/OB2	OB2/CS	EA/CS
SZ-99	75	2	12	1,800

EA = each; OB = outer bag; CS = case

Notes
a) The data shown are typical values and should not be used as product specifications.
b) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
c) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

Test Methods:
1. CTM = Contec Test Method
2. IEST-RP-CC004.3 = Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of Environmental Sciences and Technology, Rolling Meadows IL

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