

Valutek ESD Polyester Wiper

Part Number: VTPNWESD



Description: Valutek's ESD polyester wiper is constructed from 100% continuous-filament polyester in a double-knit, no-run, interlock pattern with a conductive fiber designed to dissipate electrical charge. This substrate exhibits moderate absorbency and low levels of particulate and extractable counts. Laundered and packaged in a controlled environment, all Valutek wipers are tested and manufactured in ISO compliant facilities under Valutek inspection and strict process control to ensure Valutek quality standard and product specifications.

Features:

- 100% continuous filament, double-knit polyester fiber
- Cold knife cut edges
- Chemically compatible with IPA and other common solvents
- Excellent absorbency and abrasion resistance
- Low levels of particulate and extractable counts
- Low in fibers generation

Application: As part of the **Valutek Microtek product family**, this product is recommended for use in a clean-room Class 100-1,000 (ISO 5-6) critical environment. It is commonly used in a wide variety of applications, such as optics and LCD screen cleaning, electronic manufacturing, optical cleaning and pharmaceutical manufacturing.

Pre-Wetted Option:

The wiper is available pre-wetted with custom chemistries.

VTPNWESD Sizes and Packaging

Wiper Part Number	Size		Packaging
VTPNWESD-99	9" x 9"	23 cm x 23 cm	150 ea/bag, 4 bags/case, 1200 ea/case

- All wipers are packed in double poly bags, vacuum sealed, flat packed in carton boxes with a carton liner.
- Critical environment compatible. All wipers are lot traceable with retention samples held in Quality Control for 36 months from manufacturer date.



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VTPNWESD Technical Performance

Attribute	Value	Units	Test Method
Basis Weight	155 ± 5	g/m ²	TAPPI T-410
Absorbency			
Sorptive Efficiency	2.8	mL/g	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Capacity	490	mL/m ²	
Sorptive Rate	0.5	second	
Particle Counts			
LPC: ≥0.5 μm	3.0	10 ⁶ particles/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1 IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.2 ASTM E2090-12
Fibers > 100 μm	7500	fibers/m ²	
Non Volatile Residue (NVR)			
IPA Extractant	0.12	g/m ²	IEST-RP.CC004.3, Sec 7.1.2
Extractable Counts (Ions)			
Sodium(Na ⁺)	0.36	ppm	IEST-RP.CC004.3, Sec 7.2.2
Potassium(K ⁺)	0.05	ppm	
Chloride(Cl ⁻)	0.59	ppm	
Electrostatic Discharge Properties:			
Surface Resistivity	4.5 x 10 ⁷	ohms	MIL-STD-81705B ASTM D257
Static Decay Time	<1.3	second	

*Note: Technical data represented in this table are typical values at the time of publication. Third party independent lab test results available upon request.



Gloves



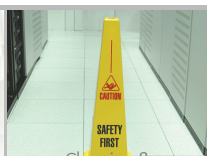
Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD