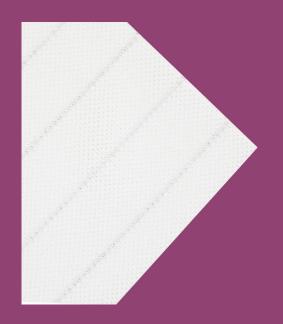
Valutek ESD Polyester Wiper





Valutek's ESD polyester wiper is made from 100% continuousfilament polyester in a double-knit, no-run, interlock pattern with a conductive fiber for electrical charge dissipation.

This substrate demonstrates moderate absorbency and maintains low levels of particulate and extractable counts. It is laundered and packaged in a controlled environment.

All Valutek wipers undergo testing and production in ISO-compliant facilities, subject to Valutek inspection and rigorous process control, to ensure compliance with Valutek quality standards and product specifications.

Part Number: VTPNWESD

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 fiber generation

Application

As part of the **Valutek Microtek product family**, this product is recommended for use in a cleanroom **Class 100-1,000 (ISO 5-6)** critical environment.

It is commonly used in a wide variety of applications, including optics and LCD screen cleaning, electronic manufacturing, optical cleaning, and pharmaceutical manufacturing.

Packaging





- All wipers are packed in double poly bags, vacuumsealed, flat-packed in carton boxes, and equipped with a carton liner.
- Critical environment compatible.
- All wipers are lot traceable.

















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Valutek ESD Polyester Wiper Part Number: VTPNWESD



VTPNWESD Physical Properties

Part Number	Size	Packaging
VTPNWESD-99	9" x 9" 23 cm x 23 cm	150 ea/bag, 4 bags/case, 600 ea/case

VTPNWESD Technical Performance

Attribute	Value	Units	Test Method	
Basis Weight	155 ± 5	g/m²	TAPPI T-410	
Absorbency				
Sorptive Efficiency	2.8	mL/g		
Sorptive Capacity	490	mL/m²	IEST-RP.CC004.3, Sec 8.1/Sec 8.2	
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	
Fibers: ≥ 0.5 µm	7500	fibers/m²	ASTM E2090-12	
Non Volatile Residue (NVR)				
IPA Extractant	0.12	g/m²	IEST-RP.CC004.3, Sec 7.1.2	
Extractable Counts				
Sodium(Na+)	0.36	ppm		
Potassium(K+)	0.05	ppm	IEST-RP.CC004.3, Sec 7.2.2	
Chloride(Cl ⁻)	0.59	ppm		
Electrostatic Discharge Properties				
Surface Resistivity	45 x 10 ⁷	ohms	MIL-STD-81705B	
Static Decay Time	<1.3	second	ASTM D257	

^{*}Note: Technical data listed reflects upper/lower limits. Certificates of Analysis available upon request for actual lot-to-lot test data.







