

Valutek Ultrasonic-Sealed Low Texture Microfiber Wiper

Valutek's low-texture microfiber wiper is crafted from a blend of 75% continuous filament polyester and 25% nylon in a double-knit, no-run interlock design with ultrasonically sealed edges.

These wipers are laundered and packaged in a cleanroom.

All Valutek wipers undergo testing and are manufactured in ISO-compliant facilities, subject to Valutek's inspection and strict process control, to uphold Valutek's quality standards and product specifications.



Part Number: VTMFWLTUS

Features

- 75% continuous filament polyester and 25% nylon knitted fiber
- Ultrasonic sealed edge for reduced fiber contamination
- Low textured soft material suitable for sensitive wiping surfaces
- Excellent absorbency and high abrasion resistance
- Chemical compatibility with IPA, Acetone and other common solvents
- Low levels of particulate and extractable counts

Application

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

This wiper is also ideal for wiping objects in a wide range of applications, including watches, optics, screen displays, touch screens, LCDs, industrial wiping, and high-precision device and equipment maintenance.

Pre-Saturated Option:

This wiper is available with customized saturated chemistries to meet your specific application requirements.

Size and Packaging



Part Number	Size	Packaging
VTMFWLTUS-99	9" x 9" 23 cm x 23 cm	100 ea/bag, 10 bags/case, 1000 ea/case
VTMFWLTUS-1212	12" x 12" 30 cm x 30 cm	150 ea/bag, 10 bags/case, 1500 ea/case

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



Gloves



Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD

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VTMFWLTUS Technical Performance

Attribute	Value	Units	Test Method
Basis Weight	110 ± 5	g/m ²	TAPPI T-410
Caliper	200 ± 10	um	TAPPI T-410
Absorbency			
Sorptive Efficiency	>16	ml/m ²	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Capacity	5	ml/g	
Sorptive Rate	>1.5	Seconds	
	<3		
Particle Counts			
LPC: ≥ 0.5 µm	< 3000	particles/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
APC ≥ 0.3 µm	< 500	particles/m ²	
Fibers ≥ 100 µm	< 2	Fibers/cm ²	
Non Volatile Residue (NVR)			
DI Water Extractant	< 0.15	g/m ²	IEST-RP.CC004.3, Sec 7.1.2
IPA Extractant	< 0.12	g/m ²	
Extractable Counts (Ions)			
Sodium(Na ⁺)	<0.2 ppm		IEST-RP.CC004.3, Sec 7.2.2
Chloride(Cl ⁻)	<0.2 ppm		

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



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