

Valutek Ultrasonic-Sealed Low Texture Microfiber Wiper

Part Number: VTMFWLTUS



Description: Valutek's low texture microfiber wiper is constructed from a blend of 75% continuous filament polyester and 25% nylon in a double-knit, no-run interlock design, with ultrasonic sealed edge. Laundered and packaged in a cleanroom, 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:**
- 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 environment. It is also ideal for wiping objects in a wide variety of applications, such as watch, optic and screen display, touching screen, LCD Industrial wiping and high precision device and equipment maintenance.

Pre-Wetted Option:

This wiper is available pre-wetted with custom chemistries.

VMFWLTUS Size and Packaging

Wiper 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 date of manufacturing.



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VMFWLTUS Technical Performance

Attribute	Value	Units	Test Method
Basic Weight	110 ± 5	g/m ²	TAPPI T-410
Caliper	200 ± 10	um	
Particle Counts			
LPC: ≥0.5 μm	< 3000	particles/cm ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
APC: ≥0.3 μm	< 500	Ea/ft ³	
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	
Absorbency			
Sorptive Capacity	> 165	ml/m ²	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Efficiency	> 1.5	ml/g	
Sorptive Rate	< 3	Seconds	
Extractable Counts (Ions)			
Chloride(Cl ⁻)	< 2	ppm	IEST-RP.CC004.3, Sec 7.2.2
Sodium(Na ⁺)	< 2	ppm	

*Note: Third party independent lab test results available upon request. Please contact Valutek for further details.



Gloves



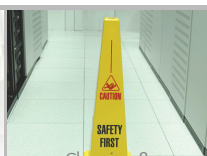
Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD