

Valutek Ultrasonic-Sealed Low Texture Microfiber Wiper

Valutek's low-texture microfiber wiper is crafted from a blend of 80% continuous filament polyester and 20% 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

- 80% continuous filament polyester and 20% 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 ± 10	g/m ²	TAPPI T-410
Absorbency			
Sorptive Capacity	≥ 150	ml/m ²	
Sorptive Efficiency	1.2	ml/g	IEST-RP.CC004.4, Sec 9.1/Sec 9.2
Sorptive Rate	≤ 1.0	sec	
Particle Counts			
LPC: ≥ 0.5 µm	≤ 35 x 10 ⁶	counts/m ²	IEST-RP.CC004.4, Sec 7.1.3/Sec 7.2.1
Non Volatile Residue (NVR)			
DI Water Extractant	≤ 0.024	g/m ²	IEST-RP.CC004.4, Sec 8.1.2
IPA Extractant	≤ 0.098	g/m ²	
FTIR			
Silicone Oil, Amide & DOP	Not Detected	Not Detected	IEST-RP.CC004.4, Sec 7.1.3/Sec 7.2.1

*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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