

Valutek Ultrasonic-Sealed Ultrawiper

Part Number: VTPNUWUS



Description: Valutek's polyester and nylon ultrawiper is a composite wiper constructed from a blend of 90% continuous polyester and 10% nylon with an ultrasonic sealed edge and a smooth finish texture. This wiper substrate has a high absorptive capacity and low levels of particulate and extractable counts, as well as low levels of non-volatile residue content. Laundered and packaged in a cleanroom. All Valutek wipers are tested and manufactured in ISO compliant facilities under strict inspection and process control.

Features:

- 90% continuous filament polyester and 10% nylon knit
- Moderate low levels of particulate and extractable counts

Benefits:

- Ultrasonic sealed edges for low fiber contamination
- High absorbency and abrasion resistance
- Chemically compatible with IPA, acetone and other common solvents

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). It is ideal for wiping and cleaning sensitive surfaces. It is also commonly used for removing oil contamination, wiping touch panels, medical device lenses, PCB's, SMT, and hard disk applications.

Pre-Wetted Option:

This wiper is available pre-wetted per your requirements.

VTPNUWUS Size and Packaging

Wiper Part Number	Size		Packaging
VTPNUWUS-99	9" x 9"	23 cm x 23 cm	100 ea/bag, 10 bags/case, 1000 ea/case

- All wipers are packaged 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.



■ Valutek West
USA-Phoenix.AZ

■ Valutek East
USA-Albany.NY

■ Valutek Asia Sdn. Bhd
Malaysia

■ Valutek P.R.C.
China

■ Valutek Latam
Costa Rica

p 800.763.1250 • f 602.252.1972 • info@valutek.com

www.valutek.com

Valutek Ultrasonic-Sealed Ultrawiper

Part Number: VTPNUWUS



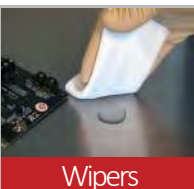
VTPNUWUS Technical Performance

Attribute	Value	Units	Test Method
Basis Weight	180 ± 5	g/m ²	TAPPI T-410
Absorbency			
Sorptive Rate	0.35	second	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Particle Counts			
LPC: ≥0.5 μm	93.69	10 ⁶ particles/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
Fibers > 100 μm	2000	fibers/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.2
Non Volatile Residue (NVR)			
IPA Extractant	0.2237	g/m ²	IEST-RP.CC004.3, Sec 7.1.2
Extractable Counts (Ions)			
Sodium(Na ⁺)	0.38	ppm	IEST-RP.CC004.3, Sec 7.2.2
Potassium(K ⁺)	0.06	ppm	
Calcium(Ca ²⁺)	0.2	ppm	
Magnesium(Mg ²⁺)	0.05	ppm	
Chloride(Cl ⁻)	0.16	ppm	
Sulfate(SO ₄ ²⁻)	0.32	ppm	

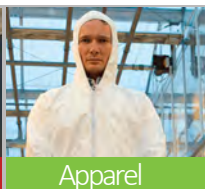
*Note: Technical data represented in this table are typical values at the time of publication. Third party independent lab test results are available upon request.



Gloves



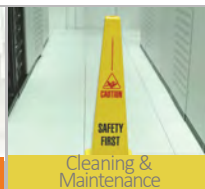
Wipers



Apparel



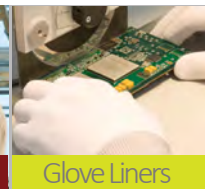
Adhesive Mats



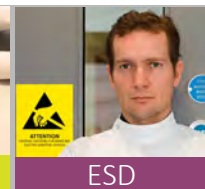
Cleaning & Maintenance



Documentation



Glove Liners



ESD