

Valutek Standard Weight Polyester Wiper



Valutek's standardweight polyester wiper is constructed from 100% continuous filament polyester in a double-knit, no-run, interlock pattern with cold knife-cut edges. This wiper is a clean and moderately absorbent wiper with low levels of particulate and extractable counts.

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 standards and product specifications.

Features

- 100% continuous filament, double-knit polyester fiber
- Cold knife cut edge
- Moderate absorbency and abrasion resistance

Part Number: VTPNW

- Chemical compatible with IPA and other common solvents
- Low levels of particulate and extractable counts
- Available in a variety of sizes to suit most applications

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.

It is commonly used in a wide range of applications, including fabs and suite construction breakdown cleaning, equipment wrapping, wiping, stencil and print roll cleaning, cleaning medical devices, and autoclavable/sterile product cleaning for aseptic applications.

Pre-Saturated Option:

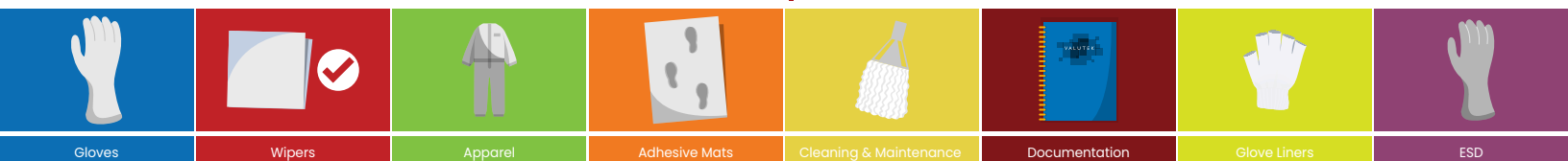
This wiper is available with customized saturated chemistries to meet your specific application requirements.

Size and Packaging



Part Number	Size	Packaging
VTPNW-44	4" x 4" 10 cm x 10 cm	600 ea/bag, 8 bags/case, 4800 ea/case
VTPNW-99	9" x 9" 23 cm x 23 cm	150 ea/bag, 8 bags/case, 1200 ea/case
VTPNW-1212	12" x 12" 23 cm x 23 cm	75 ea/bag, 5 bags/case, 375 ea/case
VTPNW-2020	20" x 20" 51 cm x 51 cm	100 ea/bag, 2 bags/case, 300 ea/case
VTPNW-2144	21" x 44" 53 cm x 112 cm	75 ea/bag, 2 bags/case, 150 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.





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VTPNW Technical Performance

Attribute	Value	Units	Test Method	
Basis Weight	135 ± 5	g/m²	TAPPI T-410	
Absorbency				
Sorptive Efficiency	2	mL/g	IEST-RP.CC004.3, Sec 8.1/Sec 8.2	
Sorptive Capacity	310	mL/m²		
Sorptive Rate	<1	second		
Particle Counts				
LPC: ≥0.5 µm	<11	10 ⁶ X particles/m²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1	
Non Volatile Residue (NVR)				
DI Water Extractant	0.02	g/m²	IEST-RP.CC004.3, Sec 7.1.2	
IPA Extractant	0.1	g/m²		
FTIR				
Silicone Oil, Amide & DOP	Not Detectable		IEST-RP.CC004.3, Sec 7.2.1	
Extractable Counts (Ions)				
Sodium(Na ⁺)	<0.2 ppm	Fluoride(F)	<0.2 ppm	IEST-RP.CC004.3, Sec 7.2.2
Potassium(K ⁺)	<0.2 ppm	Nitrite(No ₂ ⁻)	<0.2 ppm	
Calcium(Ca ²⁺)	<0.5 ppm	Bromide(Br ⁻)	<0.2 ppm	
Magnesium(Mg ²⁺)	<0.2 ppm	Phosphate(PO ₄ ³⁻)	<0.3 ppm	
Ammonium(NH ₄ ⁺)	<0.3 ppm	Chloride(Cl ⁻)	<0.2 ppm	
Nitrate(NO ₃ ⁻)	<0.3 ppm	Sulfate(SO ₄ ²⁻)	<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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