

Valutek Standard Weight Polyester Wiper

Part Number: VTPNW



Description: Valutek's standard weight polyester wiper is constructed from 100% continuous-filament polyester in a double-knit, no-run, interlock pattern and with a cold knife cut edge. This substrate exhibits moderate absorbency and 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 standard and product specifications.

Features:

- 100% continuous filament, double-knit polyester fiber
- Cold knife cut edges
- Chemically compatible with IPA and other common solvents
- Moderate absorbency and abrasion resistance
- 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 a clean-room Class 100-1,000 (ISO 5-6) critical environment. It is commonly used in a wide variety of applications, such as the breakdown cleaning in fab and suite construction, equipment wrapping, wiping down, stencil and other print roll cleaning, medical device product cleaning and autoclavable/sterile product cleaning for aseptic applications.

Pre-Wetted Option:

This wiper is available pre-wetted with custom chemistries.

VTPNW Sizes and Packaging

Wiper Part Number	Size		Packaging
VTPNW-44	4" x 4"	10 cm x 10 cm	600 ea/bag, 8 bags/case, 4800 ea/case
VTPNW-66	6" x 6"	15 cm x 15 cm	150 ea/bag, 8 bags/case, 1200 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"	30 cm x 30 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 date of manufacturing.



■ Valutek West
USA-Phoenix.AZ

■ Valutek East
USA-Albany.NY

■ Valutek Asia Sdn. Bhd
Malaysia

■ Valutek P.R.C.
China

p 800.763.1250 • f 602.252.1972 • info@valutek.com

www.valutek.com

Valutek Standard Weight Polyester Wiper

Part Number: VTPNW



VTPNW Technical Performance

Attribute	Value	Units	Test Method
Basis Weight	135 ± 5	g/m ²	TAPPI T-410
Absorbency			
Sorptive Efficiency	2	mL/g	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Capacity	310	mL/m ²	
Sorptive Rate	<1	second	
Particle Counts			
LPC: ≥0.5 μm	<11	10 ⁶ particles/m ²	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
Non Volatile Residue (NVR)			
DI Water Extractant	0.02	g/m ²	IEST-RP.CC004.3, Sec 7.1.2
IPA Extractant	0.1	g/m ²	

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

