

# Valutek Light-Weight Polyester Wiper

Part Number: VTPNWLW



**Description:** Valutek's light-weight polyester wiper is constructed from light-weight, 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 standard and product specifications.

- Features:**
- 100% continuous filament, double-knit polyester fiber
  - Cold knife cut edge
  - Moderate absorbency and abrasion resistance
  - Chemical compatible with IPA and other common solvents
  - Low levels of particulate and extractable counts
  - Light weight material reduces both actual cost and the landfill waste impact
  - 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 -1000 (ISO 5-6) critical environment. It is also commonly used for a wide variety of applications such as spill control, general wiping, breakdown cleaning in fab, in suite construction, cleaning medical device products, cleaning & burnishing magnetic media surfaces and wiping sensitive surfaces.

## Pre-Wetted Option:

This wiper is available pre-wetted with custom chemistries.

## VTPNWLW Sizes and Packaging

Wiper Part Number	Size	Packaging
VTPNWLW-99	9" x 9" 23 cm x 23 cm	150 ea/bag, 8 bags/case, 1200 ea/case
VTPNWLW-1212	12" x12" 30 cm x 30 cm	100 ea/bag, 10 bags/case, 1000 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 Light-Weight Polyester Wiper

Part Number: VTPNWLW



## VTPNWLW Technical Performance

Attribute	Value	Units	Test Method
Basis Weight	125 ± 5	g/m <sup>2</sup>	TAPPI T-410
<b>Absorbency</b>			
Sorptive Efficiency	2	mL/g	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorptive Capacity	310	mL/m <sup>2</sup>	
Sorptive Rate	<1	second	
<b>Particle Counts</b>			
LPC: ≥0.5 µm	<11	10 <sup>6</sup> particles/m <sup>2</sup>	IEST-RP.CC004.3, Sec 6.1.3/Sec 6.2.1
<b>Non Volatile Residue (NVR)</b>			
DI Water Extractant	0.02	g/m <sup>2</sup>	IEST-RP.CC004.3, Sec 7.1.2
IPA Extractant	0.1	g/m <sup>2</sup>	

Extractable Counts (Ions)						
Sodium(Na <sup>+</sup> )	<0.2	ppm	Fluoride(F)	<0.2	ppm	IEST-RP.CC004.3, Sec 7.2.2
Potassium(K <sup>+</sup> )	<0.2	ppm	Nitrite(NO <sub>2</sub> <sup>-</sup> )	<0.2	ppm	
Calcium(Ca <sup>2+</sup> )	<0.5	ppm	Bromide(Br)	<0.2	ppm	
Magnesium(Mg <sup>2+</sup> )	<0.2	ppm	Phosphate(PO <sub>4</sub> <sup>3-</sup> )	<0.3	ppm	
Ammonium(NH <sub>4</sub> <sup>+</sup> )	<0.3	ppm	Chloride(Cl)	<0.2	ppm	
Nitrate(NO <sub>3</sub> <sup>-</sup> )	<0.3	ppm	Sulfate(SO <sub>4</sub> <sup>2-</sup> )	<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.



Gloves



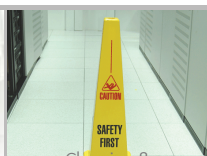
Wipers



Apparel



Adhesive Mats



Cleaning &amp; Maintenance



Documentation



Glove Liners



ESD