

Valutek Pre-Wetted Pressure-Heat Sealed Polyester Wiper

Part Number: VTPNWPHSI



Description: Valutek's pre-wetted pressure-heat sealed polyester wiper is composed of 100% continuous filament polyester fabric with various saturation levels of isopropyl alcohol and DI water. The pre-wetted format enhances the wipers absorbent capacity, effectiveness and reduces airborne contamination from traditional solvent bottle dispensers, spray and spills. All Valutek pre-wetted wipers are assembled in a Class 10 cleanroom under Valutek inspection and strict process control to ensure Valutek quality standard and product specifications.

- Features:**
- 100% continuous filament double-knit polyester fiber
 - Pressure-heat sealed edge for lowest available fiber contamination
 - Pre-wetted with consistent IPA/DI Water concentrations and saturation levels
 - Available in both reusable pail packaging and refill pack packaging
 - The pre-wet solution increases both cleaning efficiency and cleaning protocol consistency
 - Very low levels of particles, fibers, ions and extractables

Application: As part of the **Valutek Nanotek product family**, this product is recommended for use in a cleanroom Class 1 -10 (ISO 3-4) critical environment. It is designed for use in wet cleaning of critical surfaces where control of flammable solvents and flammable solvent concentrations is required. Various IPA blend levels are ideal for removing different cleaning and disinfecting residues in regulated environments.

VTPNWPHSI Sizes, IPA Concentration Percentage and Packaging



1 Gallon Pail

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Part Number	Size	IPA/ DI H ₂ O (%)	Packaging	Total/Case	
VTPNWPHSI10-99	9" x 9"	23cm x 23cm	10/90	150 ea/pail, 2pails/case	300 ea/case
VTPNWPHSI50-99	9" x 9"	23cm x 23cm	50/50	150 ea/pail, 2pails/case	300 ea/case
VTPNWPHSI70-99	9" x 9"	23cm x 23cm	70/30	150 ea/pail, 2pails/case	300 ea/case
VTPNWPHSI90-99	9" x 9"	23cm x 23cm	90/10	150 ea/pail, 2pails/case	300 ea/case
VTPNWPHSI100-99	9" x 9"	23cm x 23cm	100/0	150 ea/pail, 2pails/case	300 ea/case



1/2 Gallon Pail

1/2 Gallon Pail					
Part Number	Size	IPA/ DI H ₂ O (%)	Packaging	Total/Case	
VTPNWPHSI10L-99	9" x 9"	23cm x 23cm	10/90	75 ea/pail, 4 pails/case	300 ea/case
VTPNWPHSI50L-99	9" x 9"	23cm x 23cm	50/50	75 ea/pail, 4 pails/case	300 ea/case
VTPNWPHSI70L-99	9" x 9"	23cm x 23cm	70/30	75 ea/pail, 4 pails/case	300 ea/case
VTPNWPHSI90L-99	9" x 9"	23cm x 23cm	90/10	75 ea/pail, 4 pails/case	300 ea/case
VTPNWPHSI100L-99	9" x 9"	23cm x 23cm	100/0	75 ea/pail, 4 pails/case	300 ea/case



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Refill Pack Package

Refill Package

Part Number	Size	IPA/DI H ₂ O (%)	Packaging	Total/Case
VTPNWPHSI10R-99	9" x 9" 23cm x 23cm	10/90	75ea/bag, 2bags/pack, 4packs/case	600ea/case
VTPNWPHSI50R-99	9" x 9" 23cm x 23cm	50/50	75ea/bag, 2bags/pack, 4packs/case	600ea/case
VTPNWPHSI70R-99	9" x 9" 23cm x 23cm	70/30	75ea/bag, 2bags/pack, 4packs/case	600ea/case
VTPNWPHSI90R-99	9" x 9" 23cm x 23cm	90/10	75ea/bag, 2bags/pack, 4packs/case	600ea/case
VTPNWPHSI100R-99	9" x 9" 23cm x 23cm	100/0	75ea/bag, 2bags/pack, 4packs/case	600ea/case

VTPNWPHSI Technical Performance (In Dry State)

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	<7	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.



Gloves



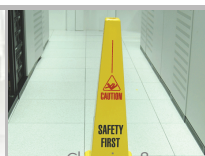
Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD