

Valutek Pre-Wetted Polyester Wiper

Part Number: VTPNWSI



Description: Valutek's pre-wetted 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 wiper's absorptive 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 with cold knife cut edge
 - 99.99% IPA mixed with 18 megohm DI water for unmatched assayed purity
 - Pre-wetted with consistent IPA/DI water concentrations and saturation levels
 - Available in both reusable pail packaging and refill pack packaging
 - The pre-wetted solution increases both cleaning efficiency and cleaning protocol consistency
 - Very low levels of particles, fibers, ions and extractable
 - High abrasion resistance

Application: As part of the **Valutek Nanotek product family**, this product is recommended for use in Class 1-10 (ISO 3-4) critical environments. 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 controlled environments.

VTPNWSI Sizes, IPA Concentration Percentage and Packaging



1 Gallon Pail



1/2 Gallon Pail

1 Gallon Pail					
Part Number	Size	IPA / DI H ₂ O (%)	Packaging	Total/Case	
VTPNWSI05-99	9" x 9"	23cm x 23cm	5/95	150 ea/pail, 2pails/case	300 ea/case
VTPNWSI10-99	9" x 9"	23cm x 23cm	10/90	150 ea/pail, 2pails/case	300 ea/case
VTPNWSI50-99	9" x 9"	23cm x 23cm	50/50	150 ea/pail, 2pails/case	300 ea/case
VTPNWSI70-99	9" x 9"	23cm x 23cm	70/30	150 ea/pail, 2pails/case	300 ea/case
VTPNWSI90-99	9" x 9"	23cm x 23cm	90/10	150 ea/pail, 2pails/case	300 ea/case
VTPNWSI99-99	9" x 9"	23cm x 23cm	99/1	150 ea/pail, 2pails/case	300 ea/case
VTPNWSI100-99	9" x 9"	23cm x 23cm	100/0	150 ea/pail, 2pails/case	300 ea/case

1/2 Gallon Pail					
Part Number	Size	IPA / DI H ₂ O (%)	Packaging	Total/Case	
VTPNWSI10L-99	9" x 9"	23cm x 23cm	10/90	75 ea/pail, 4 pails/case	300 ea/case
VTPNWSI50L-99	9" x 9"	23cm x 23cm	50/50	75 ea/pail, 4 pails/case	300 ea/case
VTPNWSI70L-99	9" x 9"	23cm x 23cm	70/30	75 ea/pail, 4 pails/case	300 ea/case
VTPNWSI90L-99	9" x 9"	23cm x 23cm	90/10	75 ea/pail, 4 pails/case	300 ea/case
VTPNWSI100L-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
VTPNWSI05R-99	9" x 9" 23cm x 23cm	5/95	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWSI10R-99	9" x 9" 23cm x 23cm	10/90	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWSI50R-99	9" x 9" 23cm x 23cm	50/50	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWSI70R-99	9" x 9" 23cm x 23cm	70/30	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWSI90R-99	9" x 9" 23cm x 23cm	90/10	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWSI99R-99	9" x 9" 23cm x 23cm	99/1	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWSI100R-99	9" x 9" 23cm x 23cm	100/0	75ea/bag, 2bags/pack, 4packs/case	600 ea/case

VTPNWSI Technical Performance (In Dry State)

Attribute	Value	Units	Test Method
Basis Weight	135 ± 5	g/m ²	TAPPI T-410
Absorbency			
Sorption Efficiency	2	mL/g	IEST-RP.CC004.3, Sec 8.1/Sec 8.2
Sorption Capacity	310	mL/m ²	
Sorption 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.

