

Valutek Pre-Wetted Laser-Sealed Polyester Wiper

Part Number: VTPNWLSI



Description: Valutek's pre-wetted polyester wiper is composed of 100% continuous filament polyester fabric pre-wetted with a blend 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 strict inspection and process control.

- Features:**
- 100% continuous filament, double-knit polyester fiber
 - Laser sealed (thermally sealed) edge for reduced fiber contamination
 - Pre-wetted with specified IPA/DI Water concentrations to a 38% saturation level
 - 99.99% IPA mixed with 18 megohm DI water for unmatched assayed purity
 - 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). It is designed for use in cleaning of critical surfaces where control of flammable solvents and concentrations is required. Various IPA blend levels are ideal for removing different cleaning and disinfecting residues in regulated environments.

VTPNWLSI Sizes, IPA Concentration Percentage and Packaging



Reusable Pail Package

Part Number	Size	IPA/DI ₂ H ₂ O (%)	Packaging	Total/Case	
VTPNWLSI06-99	9" x 9"	23cm x 23cm	6/94	150 ea/pail, 2pails/case	300 ea/case
VTPNWLSI10-99	9" x 9"	23cm x 23cm	10/90	150 ea/pail, 2pails/case	300 ea/case
VTPNWLSI50-99	9" x 9"	23cm x 23cm	50/50	150 ea/pail, 2pails/case	300 ea/case
VTPNWLSI70-99	9" x 9"	23cm x 23cm	70/30	150 ea/pail, 2pails/case	300 ea/case
VTPNWLSI70-1212	12" x 12"	30 cm x 30 cm	70/30	120 ea/pail, 2pails/case	240 ea/case
VTPNWLSI90-99	9" x 9"	23cm x 23cm	90/10	150 ea/pail, 2pails/case	300 ea/case
VTPNWLSI99-99	9" x 9"	23cm x 23cm	99/1	150 ea/pail, 2pails/case	300 ea/case
VTPNWLSI100-99	9" x 9"	23cm x 23cm	100/0	150 ea/pail, 2pails/case	300 ea/case



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Refill Pack Package

Part Number	Size	IPA/DI H ₂ O (%)	Packaging	Total/Case
VTPNWLSI06R-99	9" x 9" 23cm x 23cm	6/94	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWLSI10R-99	9" x 9" 23cm x 23cm	10/90	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWLSI50R-99	9" x 9" 23cm x 23cm	50/50	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWLSI70R-99	9" x 9" 23cm x 23cm	70/30	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWLSI90R-99	9" x 9" 23cm x 23cm	90/10	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWLSI99R-99	9" x 9" 23cm x 23cm	99/1	75ea/bag, 2bags/pack, 4packs/case	600 ea/case
VTPNWLSI100R-99	9" x 9" 23cm x 23cm	100/0	75ea/bag, 2bags/pack, 4packs/case	600 ea/case

VTPNWLSI 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	<10	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 are available upon request.



Gloves



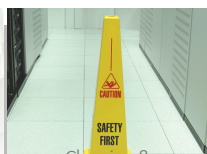
Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD