



NanoTek  
ISO 3-4 (Class 1-10)

# Valutek Pre-Saturated Spunlace Non-Woven Wiper



Part Number: VTSNTRI

Valutek's pre-saturated spunlace non-woven wiper is composed of a hydro-entangled, nonwoven blend containing 55% cellulose and 45% polyester, with various saturation levels of isopropyl alcohol and DI water.

The pre-saturated format enhances the wiper's absorbent capacity, effectiveness, and reduces airborne contamination compared to traditional solvent bottle dispensers, sprays, and spills.

All Valutek pre-saturated wipers are mixed and cleanroom vacuum sealed under documented inspection, and process control to meet Valutek quality standards and product specifications.

## Features

- 55% cellulose and 45% polyester blend with cold knife cut edge
- Contains no chemical binders
- Pre-saturated with consistent IPA/DI Water concentrations and saturation levels
- 99.99% IPA VLSI grade mixed with 18 megohm DI water for unmatched assayed purity
- Available in a variety of sizes to suit most applications
- The pre-saturated solution increases both cleaning efficiency and cleaning protocol consistency

## Application

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

This wiper is also commonly utilized in a wide variety of applications, including cleaning medical device products, cleaning video displays, cleaning instrument panels, and general wiping and cleaning in the semiconductor and microelectronics industry.



Gloves



Wipers



Apparel



Adhesive Mats



Cleaning & Maintenance



Documentation



Glove Liners



ESD



# Valutek Pre-Saturated Spunlace Non-Woven Wiper

Part Number: VTSNTRI

## VTSNTRI Sizes, IPA Concentration Percentage and Packaging



Reusable Pail Package

Part Number	Size	IPA / DI H <sub>2</sub> O (%)	Packaging
VTSNTRI06-99	9" x 9"   23 cm x 23 cm	6/94	75 ea/bag, 2 bags/case, 150ea/case
VTSNTRI10-99	9" x 9"   23 cm x 23 cm	10/90	75 ea/bag, 2 bags/case, 150ea/case
VTSNTRI70-99	9" x 9"   23 cm x 23 cm	70/30	75 ea/bag, 2 bags/case, 150ea/case
VTSNTRI90-99	9" x 9"   23 cm x 23 cm	90/10	75 ea/bag, 2 bags/case, 150ea/case
VTSNTRI99-99	9" x 9"   23 cm x 23 cm	99/1	75 ea/bag, 2 bags/case, 150ea/case

Part Number	Size	IPA / DI H <sub>2</sub> O (%)	Packaging
VTSNTRI06R-99	9" x 9"   23 cm x 23 cm	6/94	75 ea/bag, 18 bags/case, 1350 ea/case
VTSNTRI10R-99	9" x 9"   23 cm x 23 cm	10/90	75 ea/bag, 18 bags/case, 1350 ea/case
VTSNTRI70R-99	9" x 9"   23 cm x 23 cm	70/30	75 ea/bag, 18 bags/case, 1350 ea/case
VTSNTRI90R-99	9" x 9"   23 cm x 23 cm	90/10	75 ea/bag, 18 bags/case, 1350 ea/case
VTSNTRI99R-99	9" x 9"   23 cm x 23 cm	99/1	75 ea/bag, 18 bags/case, 1350 ea/case



Refill Pack Package

- 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 manufacturing.

## VTSNTRI Technical Performance (In Dry State)

Attribute	Value	Units	Test Method
Basis Weight	68± 3	g/m <sup>2</sup>	TAPPI T-410
Absorbency			
Sorptive Efficiency	4.2	mL/g	IEST-RP.CC004.4, Sec 9.1/Sec 9.2
Sorptive Capacity	≥ 315	mL/m <sup>2</sup>	
Sorptive Rate	≤ 0.8	second	
Particle Counts			
APC: ≥0.5 μm	<1200	Counts/ft <sup>3</sup>	IEST-RP.CC004.4, Sec 7.1.3/Sec 7.2.1

**\*Note:** Technical data listed reflects upper/lower limits. Certificates of Analysis available upon request for actual lot-to-lot test data. 36 month lot trend analysis available upon request



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