

## SatPax® ValuSeal® 1500

Pre-wetted Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

SatPax® ValuSeal® 1500 combines ValuSeal® 1500 sealed edge cleanroom laundered wipers composed of 100% continuous filament polyester knit fabric with various concentrations of isopropyl alcohol.

This pre-wetted format provides a cost effective and easy to use solution versus traditional bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting and cleaning associated with wetting a dry wiper.



### Other Class 3 and above Pre-wetted wipers

- SatPax® 3000
- SatPax® MicroSeal®1200
- SatPax® HA-R

### Key Attributes

- 100% continuous filament polyester knit
- Laser sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Pre-wetted with consistent IPA/ DI Water concentrations and saturation levels
- Re-sealable solvent resistant packaging

### Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency

### Environmental

- Reduces VOC (Volatile Organic Compound) emissions
- Light weight material design can reduce landfill waste impact when compared to more traditional heavier weight products
- Flatpack packaging reduces packaging waste by 28% compared to j-folded packaging.
- Complies with RoHS 2002/05 and pre-registered under REACH

### Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for use in wet cleaning of critical surfaces where control of flammable solvents and flammable solvent concentrations is required
- Final cleaning of surfaces or products prior to manufacturing or packaging

### Packing Options

Available in 30 sheets j-folded pack or 50 sheet flat pack formats.

### Alcohol Mixtures

Alcohol / DI Water mixtures can be varied to fit the customer requirements. Typical mixtures are 70/30 and 9/91 IPA/DI Water.

### Saturation Levels

The amount of solution contained in each wiper can be varied according to customer requirements. Higher saturation levels apply more solution to the surface during cleaning.

### Sterile Validated Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10<sup>-6</sup> sterility assurance level.

[www.berkshire.com](http://www.berkshire.com)

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## Technical Data (In Dry State)

Attribute		Units	Value	Test Method
<b>Basis Weight</b>		g/m <sup>2</sup>	<b>131</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>452</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>0.031</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
<b>Particles</b>	≥0.5µm	x10 <sup>9</sup> /cm <sup>2</sup>	<b>1.4</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>529</b>	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>4.0</b>	
	Rate	seconds	<b>1</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.0093</b>	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.014</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>0.054</b>	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>0.0015</b>	
	Ca <sup>++</sup>	ppm	<b>0.060</b>	
	Mg <sup>++</sup>	ppm	<b>0.015</b>	
	Cl <sup>-</sup>	ppm	<b>0.15</b>	

### Notes:

- All values are statistical averages
- Due to differences in test methods applied and equipment utilized by different wiper manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- Third party testing can be performed upon request

## Order Information:

Product	Number	Size	Shts/pk	Pks/cs	IPA/DI	Saturation	VOC % by Weight	Style
SatPax® VS1500	SPXV1500.001.12	9x9" (23x23cm)	30	12	70/30	33%	33%	J-fold
SatPax® VS1500	SPXV1500.001.12F	9x9" (23x23cm)	50	12	70/30	33%	33%	Flat Pack

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: [info@berkshire.com](mailto:info@berkshire.com)

## Other Berkshire products

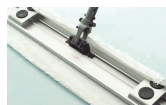
For information on our other products, please click on the relevant text.



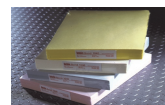
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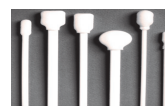
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