

## Sterile SatPax<sup>®</sup> MicroSeal<sup>®</sup> WFI

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

Sterile SatPax<sup>®</sup> MicroSeal<sup>®</sup> WFI combines MicroSeal<sup>®</sup> 1200 ultrasonically sealed edge cleanroom laundered wipers composed of 100% continuous filament polyester knit fabric with a high saturation level of 70% IPA and 30% WFI water.

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.

Each package is then gamma irradiated sterile to a 10<sup>-6</sup> Sterility Assurance Level making the product ideal for cleaning critical sterile processing environments.



### Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Pre-wetted with consistent 70% IPA/ 30% WFI (Water for Injection) to a high saturation level
- Re-sealable solvent resistant packaging
- Triple packaged for easy entry into sterile environments
- Gamma irradiated and sterile validated to a 10<sup>-6</sup> Sterility Assurance Level per AAMI guidelines
- Certificate of Sterility with each case and available on the web by lot number 24/7. Details: Expiration Date, Radiation Dosage, Lot Information, Meets cGMP requirements for traceability

### Benefits

- Critically low fibers, particles, ions and extractables combined with high abrasion resistance
- WFI (Water for Injection) solution for critical applications requiring WFI
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency

### Environmental

- Reduces VOC (Volatile Organic Compound) emissions
- Complies with RoHS and pre-registered under REACH

### Applications

- Designed for use in ISO Class 3 and higher sterile 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
- High saturation level is ideal for removing cleaning and disinfecting residues in sterile environments

### 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.

### Validated Sterile

ANSI/AAMI/ISO procedures have been followed for verification of irradiation dose with audits being performed to monitor bioburden levels and dose. The Sterility Assurance Level (SAL) or the probability of a viable organism being present on a product unit after sterilization is a SAL of 10<sup>-6</sup> (which is the chance of 1 non-sterile unit in 1,000,000).

### Other Sterile Pre-wetted wipers

- Sterile SatPax<sup>®</sup> 670
- Sterile SatPax<sup>®</sup> 1000
- Sterile SatPax<sup>®</sup> 1200

[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>154</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>507</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>0.036</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
<b>Particles</b>	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	<b>0.40</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>512</b>	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>3.3</b>	
	Rate	seconds	<b>1</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.045</b>	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.0082</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>0.17</b>	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>0.010</b>	
	Ca <sup>++</sup>	ppm	<b>0.046</b>	
	Mg <sup>++</sup>	ppm	<b>0.011</b>	
	Cl <sup>-</sup>	ppm	<b>0.30</b>	

### Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- 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/WFI	Saturation	VOC % by	Style
Sterile SatPax® MS-WFI	SSPMS.01.5WFI	12x12" (30x30cm)	50	5	70/30	60%	42%	Flat Pack

## Other Berkshire Products



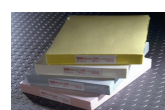
**Wipers**



**Glove Liners**



**Mop Systems**



**Documentation Systems**



**Face Masks**



**Swabs**