

## 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.



### Other Sterile Pre-wetted wipers

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

### 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
- Passes LAL test for endotoxins <20 EU/device
- 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 2002/05 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 quarterly 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).

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

Contact: Tel 1 800 242 7000 / 1 413 528 2602  
[info@berkshire.com](mailto:info@berkshire.com)

<b>Americas</b>	Tel 1 413 528 2602	Fax 1 413 528 2614	<a href="mailto:info@berkshire.com">info@berkshire.com</a>
<b>Europe</b>	Tel 44 (0) 870 757 2877	Fax 44 (0) 870 757 2878	<a href="mailto:enquiries@berkshire.uk.com">enquiries@berkshire.uk.com</a>
<b>SE Asia</b>	Tel 65 6252 4313	Fax 65 6252 4312	<a href="mailto:enquiries@berkshire.com.sg">enquiries@berkshire.com.sg</a>
<b>Japan</b>	Tel 81 3 5827 2380	Fax 81 3 5827 2382	<a href="mailto:master@berkshire.co.jp">master@berkshire.co.jp</a>

## Technical Data (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	153	TAPPI T-410
Caliper		μm	464	TAPPI T-411
Fibers	≥100μm	fibers/cm <sup>2</sup>	0.036	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5μm	x10 <sup>9</sup> /cm <sup>2</sup>	0.54	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	565	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	3.7	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.014	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.018	
Ions	Na <sup>+</sup>	ppm	0.21	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	0.018	
	Ca <sup>++</sup>	ppm	0.052	
	Mg <sup>++</sup>	ppm	0.0041	
	Cl <sup>-</sup>	ppm	0.58	

### 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/WFI	Saturation	VOC % by Weight	Style
Sterile SatPax® MS-WFI	SSPMS.01.5WFI	12x12" (30x30cm)	50	5	70/30	60%	42%	Flat Pack

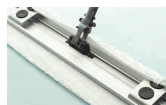
For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: [info@berkshire.com](mailto:info@berkshire.com)

## Other Berkshire products

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



[Wipers](#)



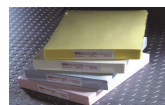
[Mop Systems](#)



[Face Masks](#)



[Glove Liners](#)



[Documentation Systems](#)



[Swabs](#)