

SatPax® MicroSeal®-VP

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



SatPax® MicroSeal®-VP is an ultrasonically sealed edge cleanroom-laundered wiper recommended for ISO Class 3 and higher environments, made from 100% continuous filament polyester knit fabric. The wiper is pre-wetted with a consistent concentration of 70% USP Grade IPA and 30% DI Water. This combination of properties provides SatPax® MicroSeal®-VP with the exceptional cleanliness, abrasion resistance, and chemical compatibility necessary for cleaning critical environments. The pre-wetted format offers a cost-effective and user-friendly solution compared to the traditional bulk handling of solvents and the maintenance of squirt bottles and inconsistent wetting and cleaning associated with saturating a dry wiper.

Berkshire's SatPax® 70/30 IPA biocidal product range is authorised under the EU Biocidal Product Regulation (EU) 528/2012 for sale throughout the EU and EEA. The products in the range are efficacious against bacteria and yeast, with a contact time of 1 min.



Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edge for reduced fibre contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Pre-wetted with consistent 70% USP Grade IPA/ 30% DI Water

Benefits

- Critically low particles, fibres, ions and extractables
- High abrasion resistance
- High absorbency
- Increases cleaning protocol consistency
- Light weight material design reduces actual cost in use compared to heavier weight products
- Lot traceability

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for cleaning surfaces and equipment and USP <800> applications
- Excellent for cleaning sterile laminar air flow units, barrier isolators and bio-containment units
- Ideal for glove wipe downs during gowning procedures

Sterile Validated Option

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

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Technical Data (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	130	TAPPI T - 410
Caliper		µm	442	TAPPI T - 411
Fibres	≥100µm	fibres/cm ²	0.12	IENT - RP - CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	0.31	IENT - RP - CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	448	IENT - RP - CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	3.4	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.0019	IENT - RP - CC004.4 Sec 8.1.2
	IPA	g/m ²	0.0054	
Ions	Na ⁺	ppm	0.17	IENT - RP - CC004.4 Sec 8.2.2
	K ⁺	ppm	0.024	
	Ca ⁺⁺	ppm	0.053	
	Mg ⁺⁺	ppm	0.011	
	Cl ⁻	ppm	0.032	

Efficacy Data

Microorganism	Log Reduction (EN16615)
<i>Staphylococcus aureus</i>	>6.07
<i>Pseudomonas aeruginosa</i>	>5.59
<i>Enterococcus hirae</i>	>5.72
<i>Candida albicans</i>	>4.32

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Notes:

- Technical data represented in this table are typical value at the time of publication. These should not be used as product specifications.
- Due to differences in test methods applied and equipment utilised 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 Water	Saturation	VOC% by Weight	Style
SatPax® MSVP	SPXVPR112BPR	9"x 9" (23cmx23cm)	30	12	70/30	60%	38	J-Fold

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

Other Berkshire Products



Wipers



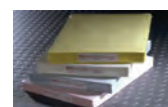
Mop Systems



Face Masks



Glove Liners



Documentation Systems



Swabs