

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 above environments composed of 100% continuous filament polyester knit fabric. The wiper is pre-wetted with a consistent concentration of IPA and DI water and a 100% IPA option. This combination of properties provides SatPax[®] MicroSeal[®]-VP with the highest cleanliness, abrasion resistance, and chemical compatibility required for cleaning critical environments. The Pre-wetted format offers a cost-effective and easy-to-use solution versus traditional bulk handling of solvents and maintenance of squirt bottles.



Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom with Lot Number on each pack
- Pre-wetted with consistent IPA / DI Water concentrations and saturation levels
- 100% CMOS options available
- Zipper pouch, optional add-on 1-gallon bucket with lid

Benefits

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

Environmental

- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight designs
- Reduces VOC (Volatile Organic Compound) emissions
- Complies with RoHS
- Registered under REACH

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for cleaning sterile surfaces and equipment during aseptic processing and USP <797> applications
- Excellent for cleaning sterile laminar air flow units, barrier isolators and bio-containment units
- Ideal for glove wipe downs during gowning procedures
- Cleaning of manufacturing equipment for semiconductor and microelectronics

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
Fibers	≥100µm	fibers/cm ²	0.12	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	0.31	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	448	IEST-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	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.0054	
Ions	Na ⁺	ppm	0.17	IEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	0.024	
	Ca ⁺⁺	ppm	0.053	
	Mg ⁺⁺	ppm	0.011	
	Cl ⁻	ppm	0.032	

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 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® MSVP	SPXMSVP0028	9"x9" (23cmx23cm)	100	8	100	45%	54.9%	Zipper Pouch
SatPax® MSVP	SPXMSVP0068	6"x9" (15cmx23cm)	180	8	6/94	45%	2.9%	Zipper Pouch
SatPax® MSVP	SPXVP00112	9"x9" (23cmx23cm)	30	12	70/30	33%	28%	J-Fold
SatPax® MSVP	SPXVPR00112	9"x 9" (23cmx23cm)	30	12	70/30	60%	38%	J-Fold
SatPax® MSVP	SPXVP.003.6R	9"x 9" (23cmx23cm)	150	6	70/30	60%	43.7%	Zipper Pouch
SatPax® MSVP (Bucket w/Lid-(empty))	SPXTUB3	1 Gallon/4 Liter	N/A	3	N/A	N/A	N/A	N/A

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs