Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 3 – 5
Cleanroom Class 1 – 100
EU Grade B/C/D

SatPax® 3000

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

SatPax® 3000 combines UltraSeal® 3000 sealed edge cleanroom laundered tubular 2-ply 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 during cleaning.

Other Class 3 and above Pre-wetted wipers
- SatPax® ValuSeal® 1500

Key Attributes
- 100% continuous filament polyester knit
- Two-ply pinsonic tubular construction
- Patented sealed edge process for reduced fiber contamination; Patent #5,229,181
- 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
- Patented sealed edge process combined with tubular design offers excellent abrasion resistance for the toughest cleaning applications
- Pinsonic design adds surface texture that aids in stubborn residue removal
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency and cleaning protocol consistency

Environmental
- Reduces VOC (Volatile Organic Compound) emissions
- Flatpack packaging reduces packaging waste by 28% compared to j-folded packaging.
- Complies with RoHS 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

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^{-6} sterility assurance level.

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Technical Data (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**145**	TAPPI T-410
Caliper		µm	**418**	TAPPI T-411
Fibers	≥100µm	$fibers/cm^2$	**0.032**	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	$x10^3/cm^2$	**0.71**	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m^2	**418**	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	**2.9**	
	Rate	seconds	**1**	
Non-Volatile Residue	DI Water	g/m^2	**0.0039**	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m^2	**0.021**	
Ions	Na^+	ppm	**0.014**	IEST-RP.CC004.3, Sec 7.2.2
	K^+	ppm	**0.081**	
	Ca^{++}	ppm	**0.012**	
	Mg^{++}	ppm	**0.0037**	
	Cl^-	ppm	**0.044**	

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:

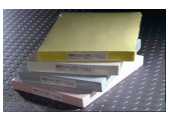
Product	Number	Size	Shts/pk	Pks/cs	IPA/DI	Saturation	VOC % by	Style
SatPax® 3000	SPX3000.001.12	9x9" (23x23cm)	30	12	70/30	33%	31%	J-fold
SatPax® 3000	SPX3000.002.12	9x9" (23x23cm)	30	12	09/91	28%	3.5%	J-fold

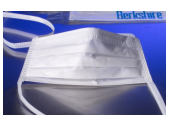
Other Berkshire Products

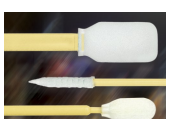

Wipers


Glove Liners


Mop Systems


Documentation Systems


Face Masks


Swabs

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