Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 5 – 8
Cleanroom Class 100 – 100,000
EU Grade A-D
USP <797>

SatPax® 550
Pre-wetted 100% Meltblown Polypropylene Cleanroom Wiper

SatPax® 550 wipers are composed of exceptionally clean 100% meltblown polypropylene pre-wetted with a high saturation level of 70% IPA and 30% DI 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.

Other Class 5 and above Pre-wetted wipers
- SatPax® 1000
- SatPax® 670-R

Key Attributes
- 100% meltblown polypropylene
- No chemical binders in base material
- Pre-wetted with consistent 70% IPA/ 30% DI Water to a high saturation level of 75%
- Re-sealable solvent resistant packaging
- Wipers in c-folded configuration for single withdrawal

Benefits
- Very low extractables and ions
- Very low particle and fiber counts
- Excellent wet strength and abrasion resistance
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency

Environmental
- Reduces VOC (Volatile Organic Compound) emissions
- Light weight design reduces waste disposal pounds compared to typical heavier weight nonwoven products
- Complies with RoHS 2002/05 and pre-registered under REACH

Applications
- Designed for use in ISO Class 5 and higher cleanroom environments and USP <797> applications
- 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 regulated environments

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.

Technical Data

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	35.4	TAPPI T-410
Caliper		µm	204	TAPPI T-411
Fibers	≥100µm	fibers/cm^2	0.48	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10^3/cm^2	4.8	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m^2	196*	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	5.5*	
	Rate	seconds	10*	
Non-Volatile Residue	DI Water	g/m^2	0.0032	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m^2	0.015	
Ions	Na$^+$	ppm	0.42	IEST-RP.CC004.3, Sec 7.2.2
	K$^+$	ppm	0.20	
	Ca^{++}	ppm	0.47	
	Mg^{++}	ppm	0.038	
	Cl$^-$	ppm	0.80	

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
- *Sorbency Capacity, Efficiency, and Rate are performed with 70% IPA.

Order Information:

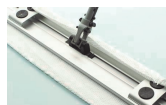| Product	Number	Size	Shts/pk	Pks/cs	IPA/DI	Saturation	VOC % by Weight	Style
SatPax® 550	SPX550.001.24	9x11" (23x28cm)	50	24	70/30	75%	51%	C-fold

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

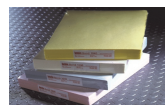For information on our other products, please click on the relevant text.

Wipers

Glove Liners

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