Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 5-8
Cleanroom Class 100-100,000
EU Grade B/C/D

SatPax® 680A

Pre-wetted Nonwoven Polyester/Cellulose Cleanroom Wiper

SatPax® 680A comes with prewetted cellulose / polyester blend nonwoven wipes. This combination of properties provides the wipes with good level of absorbency, abrasion resistance and also chemical compatibility required for the critical and controlled environment applications. The product is being pre-wetted with various concentration of IPA (Isopropyl alcohol) and 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.

Key Attributes
- 55% cellulose / 45% polyester hydroentangled nonwoven blend for better wiping efficiency.
- No binders or other chemical additives leaving a cleaner wiped surface.
- High saturation level with 70% IPA / 30% DI Water for more effective contaminants removal.

Benefits
- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of cellulose.
- Smooth, highly absorbent and durable.
- Low non-volatile residue and particle counts.
- Reduces alcohol usage and preparation / handling costs.
- Increases cleaning efficiency.
- Increases cleaning protocol consistency.

Environmental
- Reduce VOC (Volatile Organic Compound) emissions.
- Flat packs packaging design reduces packaging waste by 28% compared with j-folded packaging.

Applications
- General equipment wipe down, final cleaning of surfaces or products prior to manufacturing or packaging.
- Wet cleaning applications where control of flammable solvents and flammable solvent concentrations is required .
- Designed for use in ISO Class 5 and higher cleanroom environments and USP applications
- Cleaning of lab equipment.
- Ideal for removing cleaning and disinfecting residues in regulated environments .

Packaging Option
Available in different quantity sheets per flat pack.

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.

Gamma Irradiated Option
The wiper material can be provided in a gamma irradiated validated sterile to a 10^{-6} sterility assurance level.

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	68	TAPPI T-410
Caliper		µm	293	TAPPI T-411
Fibers	≥100µm	fibers/cm^2	125	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10^3/cm^2	5.3	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Sorbency	Capacity	mL/m	294	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	4.3	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m^2	0.046	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m^2	0.005	
Ions	Na$^+$	ppm	60	IEST-RP.CC004.3, Sec 7.2.2
	K$^+$	ppm	13	
	Ca^{++}	ppm	14	
	Mg^{++}	ppm	3.15	

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	IPA / DI Water (%)	Shts/pk	Pks/cs	Type, Style
SatPax® 680A	SPX680A00124	9x9" (23x23cm)	70/30	25	24	Pouch, Stacked Pack

Other sizes and custom sizes are also available upon request.
For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: **enquiries@berkshire.com.sg.**

Other Berkshire products

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

Wipers

Glove Liners

Mop Systems

Documentation Systems

Face Masks

Swabs