

SatPax® 670A

Pre-wetted Nonwoven Polyester/Cellulose Cleanroom Wiper

SatPax® 670A is a cellulose / polyester nonwoven wiper recommended for ISO Class 5 and above environments composed of a hydroentangled nonwoven blend of 55% cellulose and 45% polyester. This combination of properties provides Durx® 670A with the level of absorbency, abrasion

resistance and chemical compatibility required for controlled environments and applications where both cleanliness and economy are of the most importance. Now, it comes with the pre-wetted format with various concentration of high quality semiconductor grade IPA (Isopropyl alcohol) and DI water

filtered to 0.2 micron level. This provide a cost effective and easy to use solution versus tradition bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting, cleaning associated with wetting a dry wiper during cleaning.



Other ISO Class 3 and above pre-wetted wipers

- SatPax® 1000

Key Attributes

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- No binders or other chemical additives

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
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable
- Economical

Environmental

- Reduce VOC (Volatile Organic Compound) emissions.
- Flat packs packaging design reduces packaging waste by 28% compared with j-folded packaging.
- Complies with RoHS 2002/05 and REACH requirements

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- General equipment wrap and wipe downs
- General purpose wiping applications
- Cleaning of lab equipment
- General wiping in component prep, compounding and wash areas
- Applying and removing cleaning and disinfecting solutions

Packaging Option

Available in different quantity sheets per flat pack.

Saturation & Mixture Level Option

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.

Alcohol/DI Water mixtures can be varied to fit customer requirements. Standard mixture is 70% IPA/30% DI Water.

Gamma Irradiation Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated .

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	68	TAPPI T-410
Caliper		µm	297	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	58	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	6.5	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Sorbency	Capacity	mL/m	311	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.053	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.006	
Ions	Na ⁺	ppm	62.5	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	5.8	
	Ca ⁺⁺	ppm	13.6	
	Mg ⁺⁺	ppm	5.15	

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	Style
SatPax® 670A	SPX670A.001.12	9x9" (23x23cm)	70/30	75	12	Stacked Pack
SatPax® 670A	SPX670A.001.24	9x9" (23x23cm)	70/30	35	24	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.

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