


SatPax® Polx® Nonwoven (Canister)

Pre-wetted 100% Polyester Nonwoven Cleanroom Wiper

SatPax® Polx® Nonwoven combines Polx® Nonwoven wipers composed of 100% polyester spunlace with various saturation levels of isopropyl alcohol and DI water in an easy-to-dispense canister. In addition to being a cost-effective and easy-to-use solution, this prewetted format of Polx® Nonwoven has critically low fiber and particle generation and minimal non-volatile residues, making it an exceptional choice for streak-free cleaning.



Key Attributes

- 100% polyester hydroentangled nonwoven
- No cellulose components, 100% synthetic
- Low fiber and particle generation
- Pre-wetted with consistent IPA / DI Water concentrations and saturation levels
- Easy-to-dispense and refillable canister pre-loaded with IPA wipes
- Recyclable container made from HDPE 
- Spring loaded top

Benefits

- Exceptional cleanliness
- Prevents abrasion with its extremely soft and pliable surface
- Increases cleaning protocol consistency
- Reduces alcohol usage and preparation / handling costs
- Increases cleaning efficiency

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Gentle enough for wiping and polishing soft metal and glass surfaces
- Cleaning of optics and other sensitive surfaces
- Cleaning and removing oil and grease

Other Class 5 and above Pre-wetted wipers

- SatPax® 1000
- SatPax® 670-R
- SatPax® 550

Alcohol Mixtures

Alcohol / DI Water mixtures can be varied to fit the customer requirements. Typical mixtures are 70/30, 9/91, and 99/1 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.

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	55.7	TAPPI T-410
Caliper		µm	251	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	7.4	IEST-RP-CC004.4, Sec 7.1.3 / Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	0.34	IEST-RP-CC004.4, Sec 7.1.3 / Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	261	IEST-RP-CC004.4, Sec 9.1 modified / Sec 9.2 modified
	Efficiency	mL/g	4.7	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.0020	IEST-RP-CC004.4, Sec 8.1.2
	IPA	g/m ²	0.0028	
Ions	Na ⁺	ppm	8.9	IEST-RP-CC004.4, Sec 8.2.2
	K ⁺	ppm	1.2	
	Ca ⁺⁺	ppm	21	
	Mg ⁺⁺	ppm	5.0	
	Cl ⁻	ppm	11	

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 performed with 70% IPA

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	IPA/DI H ₂ O	Saturation	VOC % by Weight	Style
SatPax® Polx NW	SPXCPNW00312	6x9"(15x23cm)	100	12	70/30	60%	46%	Canister
SatPax® Polx NW	SPXCPNW00312R	6x9"(15x23cm)	100	12	70/30	60%	46%	Refill Pouch
SatPax® Polx NW	SPXCPNW00412	6x9"(15x23cm)	100	12	9/91	60%	5.3%	Canister
SatPax® Polx NW	SPXCPNW00412R	6x9"(15x23cm)	100	12	9/91	60%	5.3%	Refill Pouch
SatPax® Polx NW	SPXCPNW00512	6x9"(15x23cm)	100	12	99/1	60%	68%	Canister
SatPax® Polx NW	SPXCPNW00512R	6x9"(15x23cm)	100	12	99/1	60%	68%	Refill Pouch

Other Berkshire products



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Swabs