


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
- Lot to lot traceability
- Reduces alcohol usage and preparation / handling costs
- Increases cleaning efficiency

Other Class 5 and above Pre-wetted wipers

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

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 absorbing oil and grease

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:

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	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
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
SatPax® Polx NW	SPXCPNW00512	6x9"(15x23cm)	100	12	99/1	60%	69%	Canister
SatPax® Polx NW	SPXCPNW00512R	6x9"(15x23cm)	100	12	99/1	60%	69%	Refill

Other Berkshire products



Wipers



Glove Liners



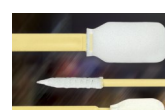
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