

## SatPax® Polx® Nonwoven

### Pre-wetted 100% Polyester Nonwoven Cleanroom Wiper

SatPax® Polx® Nonwoven is a 100% polyester hydroentangled nonwoven wiper recommended for ISO Class 5 and above environments. It is an extremely soft and pliable wiper ideal for all types of sensitive surfaces and an excellent choice for wrapping delicate parts for protection. 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. Additionally, its critically low fiber and particle generation and minimal non-volatile residues make SatPax® Polx® nonwoven an exceptional choice for streak-free cleaning.



#### Key Attributes

- 100% polyester hydroentangled nonwoven
- No cellulose components, 100% synthetic
- Low fiber and particle generation
- Extremely soft and nonabrasive
- Pre-wetted with consistent IPA / DI Water concentrations and saturation levels
- Re-sealable solvent resistant packaging with wipers in a c-folded configuration for single withdrawal

#### 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

#### 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

#### 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 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<sup>-6</sup> sterility assurance level.

[www.berkshire.com](http://www.berkshire.com)

Contact: Tel 1 800 242 7000 / 1 413 528 2602  
info@berkshire.com

America	Tel 1 413 528 2602	info@berkshire.com
Europe	Tel + 44 1953 562800	enquiries@berkshire.uk.com
SE Asia	Tel 65 6252 4313	enquiries@berkshire.com.sg
Japan	Tel 81 3 4530 9883	master@berkshire.co.jp

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	55.7	TAPPI T-410
Caliper		µm	251	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	7.4	IEST-RP-CC004.4, Sec 7.1.3 / Sec 7.2.2 modified
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	0.34	IEST-RP-CC004.4, Sec 7.1.3 / Sec 7.2.1 modified
Sorbency	Capacity	mL/m <sup>2</sup>	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 <sup>2</sup>	0.0020	IEST-RP-CC004.4, Sec 8.1.2
	IPA	g/m <sup>2</sup>	0.0028	
Ions	Na <sup>+</sup>	ppm	8.9	IEST-RP-CC004.4, Sec 8.2.2
	K <sup>+</sup>	ppm	1.2	
	Ca <sup>++</sup>	ppm	21	
	Mg <sup>++</sup>	ppm	5.0	
	Cl <sup>-</sup>	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	SPXPNW00112	9x9" (23x23cm)	75	12	70/30	60%	42.0%	C-Fold

## Other Berkshire products



Wipers



Glove Liners



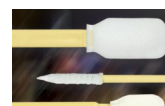
Mop Systems



Documentation Systems



Face Masks



Swabs