Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 5 – 8
Cleanroom Class 100 – 100,000
EU Grade B/C/D
USP <800>

SatPax® 1000 Pouch

Pre-wetted 55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

BPR • AUTHORISED • BIOCIDAL PRODUCTS REGULATION

SatPax® 1000 combines Durx® 670 nonwoven wipers with a hydroentangled blend of 55% cellulose and 45% polyester. These pre-wetted wipers with 70% USP Grade IPA and 30% DI Water provide a cost-effective and easy-to-use solution, ensuring efficient cleaning compared to traditional bulk handling of solvents, maintenance of squirt bottles, and inconsistent wetting and cleaning associated with saturating a dry wiper. The wipers come packaged in a resealable, solvent-resistant package for easy use.

Berkshire's SatPax® 70/30 IPA biocidal product range is authorised under the EU Biocidal Product Regulation (EU) 528/2012 for sale throughout the EU and EEA. The products in the range are efficacious against bacteria and yeast, with a contact time of 1 min.



Key Attributes

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- No chemical binders in base material
- Pre-wetted with consistent 70% USP Grade IPA / 30% DI Water
- Re-sealable solvent resistant packaging with wipers in a c-folded configuration for single withdrawal
- 3-year shelf life from date of manufacture

Benefits

- Low extractables and fibre and particle counts
- Smooth and durable with good wet strength
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency
- Lot traceability

Other Class 5 and above Pre-wetted wipers in the BPR range

- SatPax® 670
- SatPax® 550

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and in USP <800> applications
- Designed for use in wet cleaning of critical surfaces where control of flammable solvents and flammable solvent concentrations is required
- Final cleaning of surfaces or products prior to manufacturing or packaging
- High saturation level is ideal for removing cleaning and disinfecting residues in regulated environments

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 (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**68.0**	TAPPI T-410
Caliper		µm	**264**	TAPPI T-411
Fibres	≥100µm	$fibres/cm^2$	**160**	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	$x10^3/cm^2$	**10**	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m^2	**320**	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	**4.7**	
	Rate	seconds	**2**	
Non-Volatile Residue	DI Water	g/m^2	**0.028**	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m^2	**0.0038**	
Ions	Na^+	ppm	**62**	IEST-RP-CC004.4 Sec 8.2.2
	K^+	ppm	**5.9**	
	Ca^{++}	ppm	**22**	
	Mg^{++}	ppm	**5.0**	
	Cl^-	ppm	**31**	

Efficacy Data

Microorganism	Log Reduction (EN16615)
Staphylococcus aureus	>6.07
Pseudomonas aeruginosa	>5.30
Enterococcus hirae	5.56
Candida albicans	>4.32

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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 utilised 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	Shts/pk	Pks/cs	IPA/DI Water	Saturation	VOC % by Weight	Style
SatPax® 1000	SPX1000112BPR	9x9" (23x23cm)	75	12	70/30	45%	35	C-fold

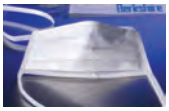
Other Berkshire Products


Wipers


Glove Liners


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Documentation Systems


Face Masks


Swabs

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