Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 4 – 5
Cleanroom Class 10 – 100
EU Grade B/C/D
USP <800>

SatPax® 1200-R

Pre-wetted Cleanroom Laundered 100% Polyester Knit Wiper

BPR • AUTHORISED • BIOCIDAL PRODUCTS REGULATION

SatPax® 1200-R combines SuperPolx® 1200 cleanroom laundered wipers made of 100% continuous filament polyester knit fabric with a high concentration of 70% USP Grade IPA and 30% DI water. This pre-wetted format offers a cost-effective and user-friendly solution compared to traditional bulk handling of solvents, maintaining squirt bottles, and the inconsistent wetting and cleaning associated with moistening a dry wiper. A high solution saturation level of 60% makes SatPax® 1200-R ideal for regulated applications or those requiring higher solution levels delivered to the surface.

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

- 100% continuous filament polyester knit
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Pre-wetted with consistent 70% USP Grade IPA/ 30% DI Water
- Re-sealable solvent resistant packaging
- 3-year shelf life from date of manufacture

Benefits

- Very low particles, fibres, ions and extractables
- High abrasion resistance
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency
- Lot traceability

Applications

- Designed for use in ISO Class 4 and higher cleanroom environments and 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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BIL_3170_BPR_10-2026

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Technical Data (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**151**	TAPPI T-410
Caliper		µm	**521**	TAPPI T-411
Fibres	≥100µm	$fibres/cm^2$	**0.35**	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.2 modified
Particles	≥0.5µm	$x10^3/cm^2$	**0.22**	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.1 modified
Sorbency	Capacity	mL/m^2	**509**	IEST-RP-CC004.4 Sec 9.1 /Sec 9.2 modified
	Efficiency	mL/g	**3.4**	
	Rate	seconds	**1**	
Non-Volatile Residue	DI Water	g/m^2	**0.0045**	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m^2	**0.0092**	
Ions	Na^+	ppm	**0.17**	IEST-RP-CC004.4 Sec 8.2.2
	K^+	ppm	**0.010**	
	Ca^{++}	ppm	**0.053**	
	Mg^{++}	ppm	**0.011**	
	Cl^-	ppm	**0.39**	

Efficacy Data

Microorganism	Log Reduction (EN16615)
Staphylococcus aureus	>6.07
Pseudomonas aeruginosa	>5.59
Enterococcus hirae	>5.72
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® 1200-R	SPX120R112BPR	9x9" (23x23cm)	30	12	70/30	60%	40	J-fold

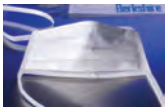
Other Berkshire products


Wipers


Glove Liners


Mop Systems


Documentation Systems


Face Masks


Swabs