

SatPax® HA-R

Pre-wetted Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

SatPax® HA-R combines ValuSeal® -HA ultrasonically sealed edge cleanroom laundered wipers composed of 100% continuous filament polyester knit fabric wetted with 70% IPA / 30% DIW.

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 during cleaning. A high solution saturation level of 60% makes SatPax® HA-R Ideal for regulated applications or applications requiring higher solution levels delivered to the surface.



Other Class 3 and above Pre-wetted wipers

- SatPax® 3000
- SatPax® ValuSeal® 1500
- SatPax® MicroSeal® 1200

Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Pre-wetted with a consistent 70% IPA/ 30% DI Water concentration and 60% saturation level
- Re-sealable solvent resistant packaging

Benefits

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

Environmental

- Light weight material design can reduce landfill waste impact when compared to more traditional heavier weight designs
- Reduces VOC (Volatile Organic Compound) emissions
- Flatpack packaging reduces packaging waste by 28% compared to j-folded packaging.
- Complies with RoHS
- Registered under REACH

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- 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

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.

Technical Data (In Dry State)

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	136	TAPPI T-410
Caliper		µm	435	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	0.080	TEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	0.31	TEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	567	TEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	4.2	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.0042	TEST-RP-CC004.3, Sec 7.1.2
	IPA	g/m ²	0.0092	
Ions	Na ⁺	ppm	0.41	TEST-RP-CC004.3, Sec 7.2.2
	K ⁺	ppm	0.048	
	Ca ⁺⁺	ppm	0.035	
	Mg ⁺⁺	ppm	0.0085	
	Cl ⁻	ppm	0.21	

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

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	IPA/DI	Saturation	VOC % by Weight	Style
SatPax® HA-R	SPXHAR.001.12	9x9" (23x23cm)	30	12	70/30	60%	42%	J-fold

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: info@berkshire.eu.com

Other Berkshire products



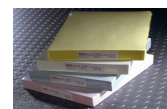
Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs