Product Information

ISO Class 5 – 8

Cleanroom Class 100 – 100,000

EU Grade B/C/D

SatPax® 670 AS (Aerospace)

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

SatPax® 670 AS for Aerospace combines Durx® 670 nonwoven wipers with 70/30 IPA/DI water to create a pre-wetted wiper that is effective and easy to use. Additionally, SatPax® 670 AS meets AMS 3819E Class 3, Style 2, Type 1, Grade A, Form 2 requirements and offers a cost-saving solution over the traditional bulk handling of solvents, maintenance of squirt bottles, and inconsistent wetting and cleaning associated with wetting a dry wiper. Low extractables, fibres, and particles offer versatility to meet the specific challenges faced in aerospace processes and applications.

Other AS (Aerospace) wipers

- Durx® 670 AS
- MicroSeal SuperSorb® AS

Key Attributes

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- No chemical binders in base material
- Pre-wetted with consistent 70% IPA/ 30% DI Water to a saturation level of 45%
- Re-sealable solvent resistant packaging
- Wipers in c-folded configuration for single withdrawal

Benefits

- Meets AMS 3819E requirements, Class 3, Style 2, Type1, Grade A, Form 2
- Meets BMS 15-5 requirements
- 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

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Designed for use in wet cleaning of critical surfaces where control of flammable solvents is required
- Final cleaning of surfaces or products prior to manufacturing or packaging
- Surface preparation before painting and adhesive application
- High saturation level is ideal for removing cleaning residues
- Wiping down equipment and tools

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.

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ENGINEERED CLEAN

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	$fibers/cm^2$	**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**	

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® 670 AS	SPX67000112AS	9x9" (23x23cm	75	12	70/30	45%	40%	C-fold

Other Berkshire Products

Wipers

Glove Liners

Mop Systems

Documentation Systems

Face Masks

Swabs

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