Product Information

ISO Class 3 – 5

Cleanroom Class 1 – 100

EU Grade B/C/D

MicroSeal SuperSorb® AS (Aerospace)

Sealed Edge Cleanroom Laundered 100% Polyester Knit wiper

MicroSeal SuperSorb® AS for Aerospace is a high sorbency ultrasonically sealed edge cleanroom laundered two-ply wiper that meets AMS 3819E, Class 4, Style 3, Type 1, Grade A, Form 1 requirements. It is composed of 100% continuous filament polyester knit fabric and has high cleanliness levels, abrasion resistance, and chemical compatibility. These properties make it ideal for ISO Class 3 and above environments and applications requiring critical contaminant control combined with superior performance. MicroSeal SuperSorb® AS provides the highest level of sorbency available in a two-ply polyester knit application and offers versatility to meet the specific challenges faced in aerospace processes and applications.



Other AS (Aerospace) wipers

- Durx® 670 AS
- SatPax® 670 AS
- MicroSeal® - VP AS

Key Attributes

- 100% continuous filament polyester knit
- Two-ply pinsonic construction with unique knit structure and pattern
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom

Benefits

- Meets AMS 3819E requirements, Class 4, Style 3, Type 1, Grade A, Form 1
- Meets BMS 15-5 requirements
- Critically low particles, fibers, ions and extractables
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Highest sorbency level available in a polyester knit reduces wiper usage
- Pinsonic design adds surface texture that aids in stubborn residue removal

Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing applications
- Excellent for spill control and processing areas where sorbency is of the greatest importance
- Applying cleaning solutions
- Paint preparation
- Wiping and cleaning of sensitive optics, such as sensors and glass
- Microelectronics and ESD
- General maintenance cleaning, such as oil and adhesives

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ENGINEERED CLEAN

Technical Data

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**265**	TAPPI T-410
Caliper		µm	**777**	TAPPI T-411
Fibers	≥100µm	$fibers/cm^2$	**0.14**	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	$x10^3/cm^2$	**0.51**	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m^2	**1010**	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	**3.8**	
	Rate	seconds	**1**	
Non-Volatile Residue	DI Water	g/m^2	**0.010**	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m^2	**0.014**	
Ions	Na^+	ppm	**0.30**	IEST-RP-CC004.4 Sec 8.2.2
	K^+	ppm	**0.023**	
	Ca^{++}	ppm	**0.028**	
	Mg^{++}	ppm	**0.051**	
	Cl^-	ppm	**0.13**	

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	Style
MicroSeal SuperSorb® AS	MSSS09098AS	9x9" (23x23cm)	100	8	Stacked
MicroSeal SuperSorb® AS	MSSS121212AS	12x12" (30x30cm)	50	12	Stacked

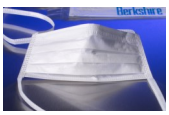
Other Berkshire Products

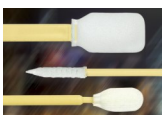

Wipers


Glove Liners


Mop Systems


Documentation Systems


Face Masks


Swabs