Berkshire
ENGINEERED CLEAN

Product Information
ISO Class 3 – 5
Cleanroom Class 1 – 100
EU Grade B/C/D

MicroSeal SuperSorb®

Sealed Edge Cleanroom Laundered 100% Polyester Knit wip-

MicroSeal SuperSorb® is a high sorbency ultrasonically sealed edge cleanroom laundered two-ply wiper required for ISO Class 3 and above environments composed of 100% continuous filament polyester knit fabric.

These properties provide MicroSeal SuperSorb® with the highest level of cleanliness, abrasion resistance and chemical compatibility required for ISO Class 3 and above environments and applications requiring critical control of contaminants combined with superior performance. MicroSeal Supersorb® provides the highest level of sorbency available in a two-ply polyester knit.



Other Class 3 and above wipers

- UltraSeal® 3000
- MicroSeal® 1200
- MicroSeal SuperSorb® Lite
- MicroSeal® VP
- ValuSeal® LP
- ValuSeal® HA
- ValuSeal® 1500

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

- 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
- Low cost in use compared to other two-ply polyester knits

Environmental

- Complies with RoHS

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
- Chamber cleaning and CMP processing
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Cleaning of medical device products
- Removing cleaning and disinfecting solutions

Value Pack Option
The value pack option provides the same great performance in a more economical bulk packaging format.

Pre-Wetted Option
The same wiper material can be provided in pre-wetted formats for reduced VOC emissions, increased convenience, increased productivity, improved solvent control and cleaning protocol repeatability and reduced costs.

Sterile Validated Option
For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10^{-6}

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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-CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	$x10^3/cm^2$	**0.51**	IEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m^2	**1010**	IEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	**3.8**	
	Rate	seconds	**1**	
Non-Volatile Residue	DI Water	g/m^2	**0.010**	IEST-RP-CC004.3, Sec 7.1.2
	IPA	g/m^2	**0.014**	
Ions	Na^+	ppm	**0.30**	IEST-RP-CC004.3, Sec 7.2.2
	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®	MSSS.0909..8	9x9" (23x23cm)	100	8	Stacked
MicroSeal SuperSorb®	MSSS.1212.12	12x12" (30x30cm)	50	12	Stacked

Other Berkshire products

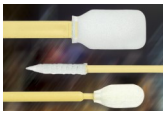

Wipers


Glove Liners


Mop Systems


Documentation Systems


Face Masks


Swabs

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