

## MicroSeal SuperSorb®

### Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

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



#### Key Attributes

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

#### Benefits

- Critically low particles, fibres, 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

#### 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
- Meets AMS 3819D requirements, Class 2, Grade A, Form 1
- Meets BMS 15-5 requirements

#### Other Class 3 and above wipers

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

#### 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<sup>-6</sup> sterility assurance level. Dry and pre-wetted versions available.

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	265	TAPPI T-410
Caliper		µm	777	TAPPI T-411
Fibres	≥100µm	fibres/cm <sup>2</sup>	0.14	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 <sup>9</sup> /cm <sup>2</sup>	0.51	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m <sup>2</sup>	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 <sup>2</sup>	0.010	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m <sup>2</sup>	0.014	
Ions	Na <sup>+</sup>	ppm	0.30	IEST-RP-CC004.4 Sec 8.2.2
	K <sup>+</sup>	ppm	0.023	
	Ca <sup>++</sup>	ppm	0.028	
	Mg <sup>++</sup>	ppm	0.051	
	Cl <sup>-</sup>	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 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	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



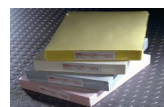
Mop Systems



Face Masks



Glove Liners



Documentation Systems



Swabs