

## MicroSeal® LI

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

MicroSeal® LI is a ultrasonically sealed edge cleanroom laundered wiper recommended for ISO Class 3 and above environments. Composed of 100% polyester continuous filament yarns, its smooth knit construction and ultrasonic sealed edges make it ideal for applications requiring

critically low levels of particle and fiber release along with durability and chemical compatibility. A proprietary ISO Class 4 cleanroom laundry process helps ensure ultra low NVR and ionic contaminant levels, making MicroSeal® LI suitable for the most sensitive cleaning processes.



#### Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edges provide low fiber release
- Laundered and packaged in an ISO Class 4 cleanroom

#### Benefits

- Critically low particles, fibers, ions and extractables
- Chemically compatible with IPA, Acetone and other solvents
- Steam autoclavable

#### Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing applications
- Chamber cleaning and CMP processing
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Cleaning of medical device products
- Applying and removing cleaning and disinfecting solutions

#### Other ISO Class 3 and above wipers

- MicroSeal SuperSorb®
- MicroSeal SuperSorb® Lite
- UltraSeal® 3000
- MicroSeal® 1200
- MicroSeal® VP
- ValuSeal® LP
- ValuSeal® IonX®

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	141	TAPPI T410
Caliper		µm	594	ASTM D1777
Fibers	≥100µm	fibers/cm <sup>2</sup>	0.077	IEST-RP-CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	0.99	IEST-RP-CC004.3, Sec 6.1.4 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	436	IEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	3.1	
	Rate	seconds	1.0	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.0049	IEST-RP-C004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.011	
Ions	Na <sup>+</sup>	ppm	0.015	IEST-RP-CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	0.0040	
	Ca <sup>++</sup>	ppm	0.011	
	Mg <sup>++</sup>	ppm	0.00021	
	Cl <sup>-</sup>	ppm	0.0059	

### 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® LI®	MSLI090910	9x9" (23x23cm)	150	10	Stacked

## Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs