

CapSure® – LP

100% Polyester Sealed Edge Cleanroom Wiper

CapSure®-LP is a sealed edge cleanroom laundered wiper that has been specially engineered for superior surface cleaning ability. A patented (#8,431,497) surface treatment allows the wiper to capture and retain particulate contamination, resulting in more efficient cleaning and reduced

likelihood of cross contamination of critical surfaces. CapSure®-LP has the high level of cleanliness and abrasion resistance required for ISO Class 3 and above environments and applications requiring critical control of contaminants.



Key Attributes

- Patented surface treatment captures and retains particulate contamination, Patent #8,431,497
- 100% continuous filament polyester knit
- Sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom

Benefits

- Minimal particles, fibers, ions and extractables.
- Airborne particle release 80% lower than competitive particle attraction wipers
- Captures 42 times more particles than competitive (untreated) wipers
- Retains 93% of particles captured
- Unique knit construction yields high abrasion resistance
- Immediate adsorption of liquids for efficient spill clean-up
- 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
- Oxidation, Metallization, CVD or Photolithography processes
- 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 Class 3 and above wipers

- CapSure®-VP
- MicroSeal SuperSorb®
- MicroSeal SuperSorb® Lite
- UltraSeal® 3000
- MicroSeal® 1200
- 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.

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	137	TAPPI T-410
Caliper		µm	407	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	0.034	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Liquid Particles	≥0.5µm	x10 ³ /cm ²	0.28	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Airborne Particles	≥0.5µm	particles/m ³ /ft ³	51	IEST-RP-CC-003.3
Sorbency	Capacity	mL/m ²	375	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	2.7	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.0026	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.0035	
Ions	Na ⁺	ppm	0.051	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	0.024	
	Ca ⁺⁺	ppm	0.053	
	Mg ⁺⁺	ppm	0.027	
	Cl ⁻	ppm	0.14	

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
CapSure®-LP	CPSLP.0708B.8	7x8" (18x20cm)	300	8	Value Pack
CapSure®-LP	CPSLP.0909.8	9x9" (23x23cm)	150	8	Stacked
CapSure®-LP	CPSLP.0909B.8	9x9" (23x23cm)	150	8	Value Pack
CapSure®-LP	CPSLP.1212.14	12x12" (30x30cm)	75	14	Stacked
CapSure®-LP	CPSLP.1212B.14	12x12" (30x30cm)	75	14	Value Pack

Other Berkshire Products



Wipers



Mop Systems



Face Masks



Glove Liners



Documentation Systems



Swabs