Berkshire
ENGINEERED CLEAN

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

CapSure® – VP
Sealed Edge Cleanroom Laundered 100% Polyester Knit wiper

CapSure®–VP 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®–VP's no-run interlock knit construction provides a smooth surface texture and excellent absorbency characteristics.

This combination of particulate capturing technology, absorbency and very low fibers and particles results in the superior performance required in ISO Class 3 and above environments.
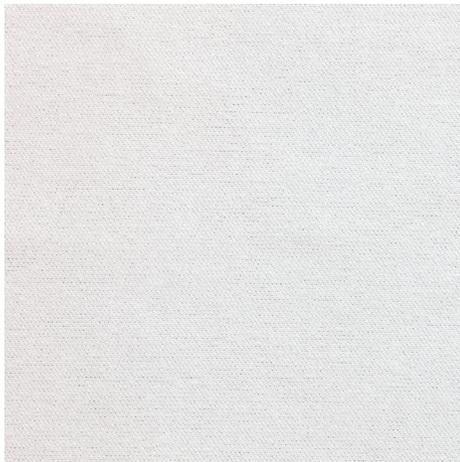
Key Attributes

- 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
- Chemically compatible with IPA, Acetone and other solvents
- Immediate adsorption of liquids for efficient spill clean-up

Environmental

- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight designs

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®–LP
- 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/m²	123	TAPPI T-410
Caliper		µm	368	TAPPI T-411
Fibers	≥100µm	fibers/cm²	0.033	IEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10³/cm²	0.19	IEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m²	325	IEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	2.6	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m²	0.0067	IEST-RP-CC004.3, Sec 7.1.2
	IPA	g/m²	0.0083	
Ions	Na⁺	ppm	0.41	IEST-RP-CC004.3, Sec 7.2.2
	K⁺	ppm	0.070	
	Ca⁺⁺	ppm	0.031	
	Mg⁺⁺	ppm	0.0069	
	Cl⁻	ppm	ND	

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

Other Berkshire Products

Wipers

Glove Liners

Mop Systems

Documentation Systems

Face Masks

Swabs