

## MicroSeal® 1500MD

### Sealed Edge Cleanroom Laundered 100% Microfiber Wiper

MicroSeal® 1500MD is an ultrasonically sealed edge cleanroom laundered wiper required for ISO Class 4 and above environments composed of 100% continuous filament polyester knit fabric.

This combination of properties provides MicroSeal® 1500MD with the highest level of cleanliness, abrasion resistance and chemical compatibility required for ISO Class 4 and above environments and

applications requiring critical control of contaminants combined with superior performance.



#### Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered & packed in ISO Class 4 cleanroom

#### Benefits

- Low particles, fibers, ions and non-volatile residue
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- High sorbency and minimize residue after wiping

#### Environmental

- Complies with RoHS 2002/05 and REACH requirements

#### Applications

- Designed for use in ISO Class 4 and higher cleanroom environments
- Cleaning of hard disk drive parts, flat panel display and glass surfaces
- Removing lubricants on surface and parts
- Suitable for cleaning sensitive surfaces

#### Other ISO Class 4 and above knitted wipers

- MicroPolx® 2850
- MicroPolx® 2750
- MicroPolx® 2000
- MicroPolx® 900W

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	160	TAPPI T-410
Caliper		µm	447	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	0.31	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	1.88	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Sorbency	Capacity	mL/m	359	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	2.2	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.016	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.002	
Ions	Na <sup>+</sup>	ppm	0.036	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	0.002	
	Ca <sup>++</sup>	ppm	0.225	
	Mg <sup>++</sup>	ppm	0.121	

### Notes:

- All values are statistical averages.
- 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® 1500MD	MS1500MD.0909.10	9x9" (23x23cm)	150	10	Stacked Pack

Other sizes and custom sizes are also available upon request.

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: [enquiries@berkshire.com.sg](mailto:enquiries@berkshire.com.sg).

## Other Berkshire products

For information on our other products, please click on the relevant text.



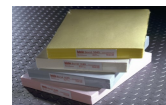
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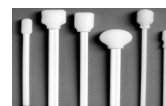
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