

## MicroSeal<sup>®</sup> 1200

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

MicroSeal<sup>®</sup> 1200 is an ultrasonically sealed edge cleanroom laundered wiper required for ISO Class 3 and above environments composed of 100% continuous filament polyester knit fabric. This combination of properties provides MicroSeal<sup>®</sup> 1200 with the high level of cleanliness, abrasion resistance and chemical compatibility required for ISO Class 3 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 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
- High absorbency
- Weight and caliper provide an excellent hand for cleaning rough surfaces

#### 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

- MicroSeal SuperSorb<sup>®</sup>
- UltraSeal<sup>®</sup> 3000
- MicroSeal<sup>®</sup> VP
- ValuSeal<sup>®</sup> LP
- ValuSeal<sup>®</sup> HA
- ValuSeal<sup>®</sup> 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>

[www.berkshire.uk.com](http://www.berkshire.uk.com)

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## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	154	TAPPI T-410
Caliper		µm	507	TAPPI T-411
Fibres	≥100µm	fibres/cm <sup>2</sup>	0.036	TEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	0.40	TEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m <sup>2</sup>	512	TEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	3.3	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.0045	TEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m <sup>2</sup>	0.0082	
Ions	Na <sup>+</sup>	ppm	0.17	TEST-RP-CC004.4 Sec 8.2.2
	K <sup>+</sup>	ppm	0.017	
	Ca <sup>++</sup>	ppm	0.082	
	Mg <sup>++</sup>	ppm	0.0090	
	Cl <sup>-</sup>	ppm	0.20	

### 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® 1200	MS1200.0404B.10	4x4" (10x10cm)	600	10	Value Pack
MicroSeal® 1200	MS1200.0909.8	9x9" (23x23cm)	100	8	Stacked
MicroSeal® 1200	MS1200.1212.6	12x12" (30x30cm)	100	6	Stacked

## Other Berkshire products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs

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