

## MicroPolx<sup>®</sup> 1100 Sealed Edge Cleanroom Wiper

### Cleanroom Laundered Polyester Microfiber Knitted Wiper

MicroPolx 1100 is a 100% polyester microfiber sealed edge cleanroom wiper, laundered and packaged in an ISO Class 4 cleanroom. The wiper's microfiber yarn has 3 times the surface area of standard polyester yarns, resulting in a

soft smooth surface and more efficient cleaning performance. Laser cut edges and a proprietary laundering process provide critically low particle and fiber release as well as best-in-class ion and non-volatile

residue levels. MicroPolx 1100 is recommended for sensitive applications in ISO Class 4 (Class 10) and above cleanrooms.



#### Other Microfiber wipers

- MicroPolx<sup>®</sup> 2750
- MicroPolx<sup>®</sup> 2000 LT



#### Key Attributes

- 100% polyester microfiber construction
- 3 times the yarn surface area of standard polyester cleanroom wipers
- Laser cut edges minimize fiber and particle generation
- Laundered and packaged in an ISO Class 4 (Class 10) cleanroom
- Stable double knit construction
- Low ion and NVR levels

#### Benefits

- Stable double knit construction, continuous filament yarns and tight knit structure provide excellent abrasion resistance
- Soft smooth surface is suitable for cleaning sensitive or scratch prone surfaces
- High fiber surface area for improved wiping efficiency
- Chemically compatible with IPA and other commonly used solvents
- Light weight material design as compared to other microfiber wipes reduces cost in use
- Steam autoclavable for aseptic applications

#### Applications

- Designed for use in ISO Class 4 (Class 10) and higher cleanroom environments
- Cleaning delicate or scratch sensitive surfaces
- Suited for cleaning optical machinery and tools
- Cleaning of medical device products
- Applying or removing cleaning and disinfecting solutions
- Flat panel displays
- Cell phone and tablet screens
- Repair/rework mobile devices

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## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	115	TAPPI T410
Caliper		µm	425	ASTM D1777
Fibers	>100µm	fibers/cm <sup>2</sup>	0.050	IEST-RP-CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	>0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	0.80	IEST-RP-CC004.3, Sec 6.1.4 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	355	IEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modi-
	Efficiency	mL/g	3.1	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.0025	IEST-RP-CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.0095	
Ions	Na <sup>+</sup>	ppm	0.0050	IEST-RP-CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	0.0020	
	Ca <sup>++</sup>	ppm	0.095	
	Mg <sup>++</sup>	ppm	0.0015	
	Cl <sup>-</sup>	ppm	0.055	

### 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
MicroPolx <sup>®</sup> 1100	MP1100090914	9x9" (23x23cm)	150	14	Stacked
MicroPolx <sup>®</sup> 1100	MP1100121210	12x12" (30x30cm)	150	10	Stacked

## Other Berkshire Products



Wipers



Glove Liners



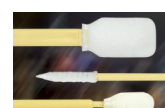
Mop Systems



Documentation Systems



Face Masks



Swabs