

MicroPolx[®] 1100 Sealed Edge Cleanroom Wiper

Cleanroom Laundered Polyester Microfibre Knitted Wiper

MicroPolx 1100 is a 100% polyester microfibre sealed edge cleanroom wiper, laundered and packaged in an ISO Class 4 cleanroom. The wiper's microfibre yarn has 3 times the surface area of standard polyester yarn, resulting in a soft smooth surface and more efficient cleaning performance. Laser cut edges and a proprietary laundering process provide critically low particle and fibre 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.



Key Attributes

- 100% polyester microfibre construction
- 3 times the yarn surface area of standard polyester cleanroom wipers
- Laser cut edges minimize fibre 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 fibre surface area for improved wiping efficiency
- Chemically compatible with IPA and other commonly used solvents
- Light weight material design as compared to other microfibre wipes reduces cost in use
- Steam autoclavable for aseptic applications

Other Microfibre wipers

- MicroPolx[®] 2750
- MicroPolx[®] 2000 LT



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

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	115	TAPPI T410
Caliper		µm	425	ASTM D1777
Fibres	≥100µm	fibres/cm ²	0.050	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2
Particles	≥0.5µm	x10 ³ /cm ²	0.80	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1
Sorbency	Capacity	mL/m ²	355	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	3.1	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.0025	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.0095	
Ions	Na ⁺	ppm	0.0050	IESIEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	0.0020	
	Ca ⁺⁺	ppm	0.095	
	Mg ⁺⁺	ppm	0.0015	
	Cl ⁻	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 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
MicroPolx® 1100	MP1100090914	9x9" (23x23cm)	150	14	Stacked
MicroPolx® 1100	MP1100121210	12x12" (30x30cm)	150	10	Stacked

Other Berkshire Products



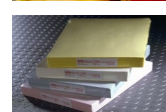
Wipers



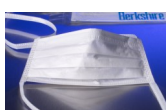
Glove Liners



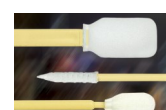
Mop Systems



Documentation Systems



Face Masks



Swabs