

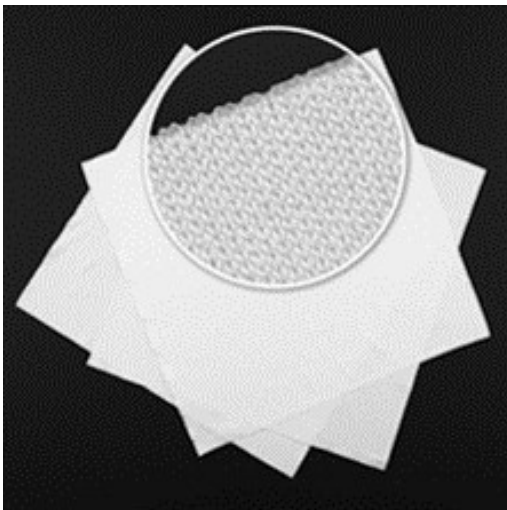
MicroPolx® 2000 LT Sealed Edge Cleanroom Wiper

Low Titanium Dioxide (TiO₂) Microdenier Cleanroom Wiper

MicroPolx® 2000 LT is a knitted polyester/nylon microfiber sealed edge cleanroom wiper. Ultrafine, wedge-shaped polyester and nylon filaments, tight knit construction, and a soft, smooth surface allow MicroPolx® 2000 LT to

provide superior particle and bacterial removal* without damaging critical surfaces. The wiper's high fiber surface area results in more efficient cleaning performance and minimizes the need for potentially

harmful solvents. Laundered and packaged in an ISO Class 4 (Class 10) cleanroom, MicroPolx® 2000 LT is recommended for sensitive applications in ISO Class 4 (Class 10) and above cleanrooms.



Key Attributes

- 80% polyester/20% nylon microfiber knitted wiper
- 16 times the number of filaments and 6 times the surface area of standard polyester wipers
- Unique 4 sided thermally sealed edges to minimize fiber and particle generation
- Laundered and packaged in an ISO Class 4 (Class 10) cleanroom
- Contains low Titanium dioxide (TiO₂) to minimize cleanroom contamination

Benefits

- Ultrafine microfiber yarn increases surface area and provides superior wiping efficiency
- Wedge shaped fiber cross section lifts, entraps and removes particulates from critical surfaces
- Cleans efficiently with less solvent usage than traditional wipers
- Removes oily soils with little or no solvent required
- Soft hand and non-abrasive fabric surface is excellent for sensitive or scratch prone surfaces
- Continuous filament yarns and tight knit construction provide excellent abrasion resistance and low fiber shedding
- Chemically compatible with IPA and other commonly used solvents

Applications

- Designed for use in ISO Class 4 (Class 10) and higher cleanroom environments
- Designed for cleaning sensitive surfaces
- Used in display and semiconductor industries
- Suited for cleaning precise optical machinery and tools
- Used for cleaning a delicate process in critical cleanrooms
- Microelectronics manufacturing

Other Microfiber wipers

- MicroPolx® 2750
- MicroPolx® 1100

*M.W. Wren, M.S. Rollins, A. Jeanes, T.J. Hall, P.G. Coën, V.A. Grant, Removing bacteria from hospital surfaces: a laboratory comparison of ultramicrofibre and standard clothes, J. Hosp. Infect. 70 (2008) 265.

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	190	TAPPI T-410
Caliper		µm	484	ASTM D1777
Fibers	≥100µm	fibers/cm ²	0.015	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	1.5	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	365	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	1.9	
	Rate	seconds	6	
Non-Volatile Residue	DI Water	g/m ²	0.0059	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.13	
Ions	Na ⁺	ppm	0.071	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	< 0.0016	
	Ca ⁺⁺	ppm	1.0	
	Mg ⁺⁺	ppm	0.057	
	Cl ⁻	ppm	0.043	

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® 2000	MP2000LT0910	9x9" (23x23cm)	100	10	Stacked

Other Berkshire Products



Wipers



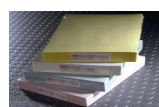
Mop Systems



Face Masks



Glove Liners



Documentation Systems



Swabs

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