

## MicroPolx<sup>®</sup> 2850 Sealed Edge Cleanroom Wiper

Cleanroom Laundered Polyester/Nylon Microfiber Knitted Wiper

MicroPolx<sup>®</sup> 2850 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<sup>®</sup> 2850 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.



### Key Attributes

- 70% polyester/30% nylon microfiber knitted wiper
- 8 times the number of filaments and 4 times the surface area of standard polyester wipers
- Ultrasonically sealed edges minimize fiber and particle generation and provide a smooth nonabrasive edge
- Laundered and packaged in an ISO Class 4 (Class 10) cleanroom

### 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 ultrasonic sealed edge are 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

### Other Microfiber Wipers

- MicroPolx<sup>®</sup> 4000HP
- MicroPolx<sup>®</sup> 2850

### Applications

- Designed for use in ISO Class 4 (Class 10) and higher cleanroom environments
- Designed for scratch 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
- Applying and removing cleaning and disinfecting solutions

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

Contact: Tel + 44 1953 562800  
[enquiries@berkshire.uk.com](mailto:enquiries@berkshire.uk.com)

America	Tel 1 413 528 2602	<a href="mailto:info@berkshire.com">info@berkshire.com</a>
Europe	Tel + 44 1953 562800	<a href="mailto:enquiries@berkshire.uk.com">enquiries@berkshire.uk.com</a>
SE Asia	Tel 65 6252 4313	<a href="mailto:enquiries@berkshire.com.sg">enquiries@berkshire.com.sg</a>
Japan	Tel 81 3 4530 9883	<a href="mailto:master@berkshire.co.jp">master@berkshire.co.jp</a>

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	199	TAPPI T-410
Caliper		µm	483	ASTM D1777
Fibres	≥100µm	fibres/cm <sup>2</sup>	0.15	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	6.2	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	365	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	1.8	
	Rate	seconds	7	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.013	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m <sup>2</sup>	0.10	
Ions	Na <sup>+</sup>	ppm	0.20	IEST-RP-CC004.4 Sec 8.2.2
	K <sup>+</sup>	ppm	0.0065	
	Ca <sup>++</sup>	ppm	2.9	
	Mg <sup>++</sup>	ppm	0.32	
	Cl <sup>-</sup>	ppm	0.067	

### 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 <sup>®</sup> 2850	MPX2850090910	9x9" (23x23cm)	100	10	Stacked
MicroPolx <sup>®</sup> 2850	MPX2850121210	12x12" (30x30cm)	100	10	Stacked
MicroPolx <sup>®</sup> 2850	MPX2850121510	12x15" (30x38cm)	50	100	Stacked

## Other Berkshire Products



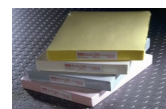
Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs