

## 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

harmful solvents. Laundered and packaged in an ISO Class 4 (Class 10) cleanroom, MicroPolx<sup>®</sup> 2850 is recommended for sensitive applications in ISO Class 4 (Class 10) and above cleanrooms.



### 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

### 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

### Other Microfiber Wipers

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

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	199	TAPPI T-410
Caliper		µm	483	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	0.15	TEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	6.2	TEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	365	TEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	1.8	
	Rate	seconds	7	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.013	TEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.10	
Ions	Na <sup>+</sup>	ppm	0.20	TEST-RP.CC004.3, Sec 7.2.2
	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 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> 2850	MPX2850090910	9x9" (23x23cm)	100	10	Stacked
MicroPolx <sup>®</sup> 2850	MPX2850121210	12x12" (30x30cm)	100	10	Stacked

## Other Berkshire Products



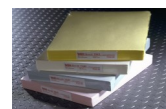
Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs