

MicroPolx[®] 2850 Sealed Edge Cleanroom Wiper

Cleanroom Laundered Polyester/Nylon Microfiber Knitted Wiper

MicroPolx[®] 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[®] 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.



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[®] 4000HP
- MicroPolx[®] 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

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	199	TAPPI T-410
Caliper		µm	483	ASTM D1777
Fibres	≥100µm	fibres/cm ²	0.15	IENT-RP-CC004.4 Sec 7.1.3/Sec 7.2.2
Particles	≥0.5µm	x10 ³ /cm ²	6.2	IENT-RP-CC004.4 Sec 7.1.3/Sec 7.2.1
Sorbency	Capacity	mL/m ²	365	IENT-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 ²	0.013	IENT-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.10	
Ions	Na ⁺	ppm	0.20	IENT-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	0.0065	
	Ca ⁺⁺	ppm	2.9	
	Mg ⁺⁺	ppm	0.32	
	Cl ⁻	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® 2850	MPX2850090910	9x9" (23x23cm)	100	10	Stacked
MicroPolx® 2850	MPX2850121210	12x12" (30x30cm)	100	10	Stacked
MicroPolx® 2850	MPX2850121510	12x15" (30x38cm)	50	100	Stacked

Other Berkshire Products



Wipers



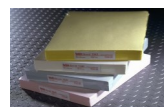
Mop Systems



Face Masks



Glove Liners



Documentation Systems



Swabs