

MicroPolx 2750 Sealed Edge Wiper

Laundered Polyester/Nylon Microfiber Knitted

MicroPolx[®] 2750 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[®] 2750 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[®] 2750 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

Product Information
ISO Class 4 – 5
Cleanroom Class 10 – 100
EU Grade B/C/D



Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	200	TAPPI T-410
Caliper		µm	389	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	0.14	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	4.0	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	309	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	1.5	
	Rate	seconds	4	
Non-Volatile Residue	DI Water	g/m ²	0.016	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.025	
Ions	Na ⁺	ppm	0.091	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	< 0.020	
	Ca ⁺⁺	ppm	3.2	
	Mg ⁺⁺	ppm	0.24	
	Cl ⁻	ppm	0.23	

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

Product Numbers

CH-MPX2750.0909.10 9" x 9" 100 pcs/bg, 10 bgs/cs

