

Polx® Nonwoven

100% Polyester Nonwoven Cleanroom Wiper

Polx® Nonwoven is a 100% polyester hydroentangled nonwoven wiper recommended for ISO Class 5 and above environments. It is an extremely soft and pliable wiper ideal for all types of sensitive surfaces and an excellent choice for wrapping delicate parts for protection. Additionally, it's critically low fiber and particle generation and minimal non-volatile residues make Polx® nonwoven an exceptional choice for streak-free cleaning.



Key Attributes

- 100% polyester hydroentangled nonwoven
- No cellulose components, 100% synthetic
- Low fiber and particle generation
- Extremely soft and nonabrasive

Benefits

- Exceptional cleanliness
- Chemically compatible with commonly used disinfectants and sporicides
- Prevents abrasion with its extremely soft and pliable surface
- Works well with IPA and other solvents
- Lot to lot traceability
- Autoclavable

Other Class 5 and above nonwoven wipers

- Durx® 570
- Durx® 670
- Durx® 770
- MicroFirst®
- MicroFirst LP®
- ProjX® 700
- Pro-Wipe® 750
- Pro-Wipe® 880
- Pro-Wipe® OS
- ValuClean® Plus

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Gentle enough for wiping and polishing soft metal and glass surfaces
- Cleaning of optics and other sensitive surfaces
- Cleaning and absorbing oil and grease
- Wrapping delicate parts for protection

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	55.7	TAPPI T-410
Caliper		µm	251	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	7.4	IEST-RP-CC004.4, Sec 7.1.3 / Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	0.34	IEST-RP-CC004.4, Sec 7.1.3 / Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	261	IEST-RP-CC004.4, Sec 9.1 modified / Sec 9.2 modified
	Efficiency	mL/g	4.7	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.0020	IEST-RP-CC004.4, Sec 8.1.2
	IPA	g/m ²	0.0028	
Ions	Na ⁺	ppm	8.9	IEST-RP-CC004.4, Sec 8.2.2
	K ⁺	ppm	1.2	
	Ca ⁺⁺	ppm	21	
	Mg ⁺⁺	ppm	5.0	
	Cl ⁻	ppm	11	

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
- Sorbency capacity, efficiency, and rate performed with 70% IPA

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	Style
Polx® Nonwoven	PNW040440	4x4" (10x10cm)	250	40	Stacked
Polx® Nonwoven	PNW090920	9x9" (23x23cm)	250	20	Stacked
Polx® Nonwoven	PNW121220	12x12" (30x30cm)	150	20	Stacked

Other Berkshire products



Wipers



Glove Liners



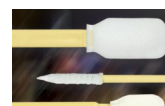
Mop Systems



Documentation Systems



Face Masks



Swabs