

Super Polx® LW

Cleanroom Laundered 100% Polyester Knit Wiper

Super Polx® LW is a knife cut cleanroom laundered wiper required for ISO Class 4 and above environments composed of 100% continuous filament polyester knit fabric.

This combination of properties provides Super Polx® LW with the highest level of cleanliness, abrasion resistance and chemical compatibility required for ISO Class 4 and above environments and

applications requiring critical control of contaminants combined with superior performance.



Key Attributes

- 100% continuous filament polyester knit
- Knife cut edge
- Laundered & packed in ISO Class 4 cleanroom
- Economical bulk packaging available

Benefits

- Low particles, fibers, ions and non-volatile residue
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Light weight with high sorbency
- Soft hand and edge for sensitive surfaces

Environmental

- Complies with RoHS 2002/05 and REACH requirements
- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight designs

Applications

- Designed for use in ISO Class 4 and higher cleanroom environments
- Designed for a high level of contamination control in critical processing applications
- Integrated circuit fabrication areas
- CD and DVD manufacturing operations
- Breakdown cleans in fab and suite construction
- Equipment wrap and wipe downs
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Cleaning of medical device products
- Applying and removing cleaning and disinfecting solutions

Other ISO Class 4 and above knitted wipers

- Super Polx® 1200A
- Super Polx® SW
- Super Polx® 1200
- Super Polx® 1500

Value Pack Option

The value pack option provides the same great performance in a more economical bulk packaging format.

Pre-Wetted Option

The same wiper material can be provided in pre-wetted formats for reduced VOC emissions, increased convenience, increased productivity, improved solvent control and cleaning protocol repeatability and reduced costs.

Sterile Validated Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10⁻⁶ sterility assurance level. Dry and pre-wetted versions available.

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	126	TAPPI T-410
Caliper		µm	450	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	0.21	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	1.35	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Sorbency	Capacity	mL/m	368	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	2.9	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.003	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.011	
Ions	Na ⁺	ppm	0.033	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	0.011	
	Ca ⁺⁺	ppm	0.056	
	Mg ⁺⁺	ppm	0.002	
	NH ₄ ⁺	ppm	0.073	

SPLW_10

Notes:

- All values are statistical averages.
- 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
Super Polx® LW	SPSW.0404B.14	4x4" (10x10cm)	600	14	Bulk Pack
Super Polx® LW	SPSW.0606B.14	6x6" (15x15cm)	300	14	Bulk Pack
Super Polx® LW	SPSW.0909B.14	9x9" (23x23cm)	150	14	Bulk Pack
Super Polx® LW	SPSW.0909.14	9x9" (23x23cm)	150	14	Stacked Pack

Other sizes and custom sizes are also available upon request.

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: enquiries@berkshire.com.sg.

Other Berkshire products

For information on our other products, please click on the relevant text.



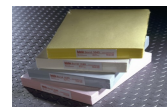
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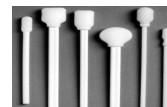
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