

Polx® 1200A

Cleanroom 100% Polyester Knit Wiper

Polx® 1200A is a knife cut cleanroom unlaundered wiper required for ISO Class 5 and above environments composed of 100% continuous filament polyester knit fabric.

This combination of properties provides Polx® 1200A with the high level of cleanliness, abrasion resistance and chemical compatibility required for ISO Class 5 and above environments and applications requiring

critical control of contaminants combined with superior performance. Polx® 1200A is meant to bridge the gap between more expensive laundered wipers and lower cost less critical nonwovens.



Key Attributes

- 100% continuous filament polyester knit
- Knife cut edge

Benefits

- Low contamination compared to nonwovens
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- High sorbency
- Soft hand and edge for sensitive surfaces

Environmental

- Complies with RoHS 2002/05 and REACH requirements

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Designed for applications requiring better cleanliness than a nonwoven but not the high level of cleanliness provided by a laundered knit
- Integrated circuit fabrication areas
- CD and DVD manufacturing operations
- Gross clean in fab and suite construction
- Equipment wrap and wipe downs
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Applying and removing cleaning and disinfecting solutions

Other ISO Class 5 and above wipers

- Choice® SE
- Supra-Wipe™ 1

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	134	TAPPI T-410
Caliper		µm	538	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	5.5	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	9.2	IEST-RP.CC004.3, Sec 6.1.4 / Sec 6.2.2
Sorbency	Capacity	mL/m	382	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	2.8	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.01	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.02	
Ions	Na ⁺	ppm	0.17	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	0.25	
	Ca ⁺⁺	ppm	0.07	
	Mg ⁺⁺	ppm	0.003	
	NH ₄ ⁺	ppm	0.04	

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
Polx® 1200A	PL1200A.0404B.10	4x4" (10x10cm)	600	10	Bulk Pack
Polx® 1200A	PL1200A.0606B.10	6x6" (15x15cm)	300	10	Bulk Pack
Polx® 1200A	PL1200A.0909B.10	9x9" (23x23cm)	150	10	Bulk Pack
Polx® 1200A	PL1200A.0909.10	9x9" (23x23cm)	150	10	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.



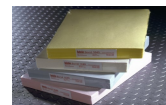
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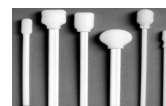
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