

Polx® 1200

Cleanroom 100% Polyester Knit Wiper

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

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

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



Other Class 5 and above knit wipers

- None available

Key Attributes

- 100% continuous filament polyester knit
- Knife cut edge
- No binders or surfactants

Benefits

- Low contamination compared to non-wovens
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Light weight with good 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 cleans in fab and suite construction
- Equipment wrap and wipe downs
- Steam autoclavable for aseptic applications
- Applying and removing cleaning and disinfecting solutions in less critical areas

Value Pack Option

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

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	110	TAPPI T-410
Caliper		µm	374	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	21	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ⁹ /cm ²	41	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	358	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	3.2	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m ²	0.021	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.020	
Ions	Na ⁺	ppm	8.6	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	0.91	
	Ca ⁺⁺	ppm	2.9	
	Mg ⁺⁺	ppm	1.5	
	Cl ⁻	ppm	2.5	

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

Order Information:

Product	Number	Size	Shts/pk	Pks/cs	Style
Polx [®] 1200	P1200.0404.18	4x4" (10x10cm)	150	18	Stacked
Polx [®] 1200	P1200.0909.8	9x9" (23x23cm)	150	8	Stacked
Polx [®] 1200	P1200.0909B.8	9x9" (23x23cm)	150	8	Value Pack
Polx [®] 1200	P1200.1212.14	12x12" (30x30cm)	75	14	Stacked

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

Other Berkshire products

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