Berkshire
ENGINEERED CLEAN

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

Super Polx® 1200

Cleanroom Laundered 100% Polyester Knit Wiper

Super Polx® 1200 is a knife-cut, cleanroom-laundered wiper composed of 100% continuous-filament polyester knit fabric, recommended for ISO Class 4 and above environments. It provides the high level of cleanliness, abrasion resistance, and chemical compatibility required for ISO Class 4 and above environments and for applications requiring critical control of contaminants, combined with superior performance.

Other ISO Class 4 and above wipers

- Super Polx® 1500

Key Attributes

- 100% continuous filament polyester knit
- Knife cut edge
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom

Benefits

- Low particles, fibers, ions and extractables
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- High sorbency
- Soft hand and edge for sensitive surfaces

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

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 as a gamma irradiated validated sterile to a 10^{-6} sterility assurance level

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	**151**	TAPPI T-410
Caliper		µm	**521**	TAPPI T-411
Fibers	≥100µm	$fibers/cm^2$	**0.35**	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.2 modified
Particles	≥0.5µm	$x10^3/cm^2$	**0.22**	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.1 modified
Sorbency	Capacity	mL/m^2	**509**	IEST-RP-CC004.4 Sec 9.1 /Sec 9.2 modified
	Efficiency	mL/g	**3.4**	
	Rate	seconds	**1**	
Non-Volatile Residue	DI Water	g/m^2	**0.0045**	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m^2	**0.0092**	
Ions	Na^+	ppm	**0.17**	IEST-RP-CC004.4 Sec 8.2.2
	K^+	ppm	**0.010**	
	Ca^{++}	ppm	**0.053**	
	Mg^{++}	ppm	**0.011**	
	Cl^-	ppm	**0.39**	

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
Super Polx® 1200	S1200.0404.10	4x4" (10x10cm)	600	10	Value Pack
Super Polx® 1200	S1200.0606.9	6X6" (15x15cm)	300	9	Value Pack
Super Polx® 1200	S1200.0708B.8	7x8" (18x20cm)	300	8	Value Pack
Super Polx® 1200	S1200.0909.8	9x9" (23x23cm)	150	8	Stacked
Super Polx® 1200	S1200.0909B.8	9x9" (23x23cm)	150	8	Value Pack
Super Polx® 1200	S1200.1212.14	12x12" (30x30cm)	75	14	Stacked
Super Polx® 1200	S1200.1212B.14	12x12" (30x30cm)	75	14	Value Pack

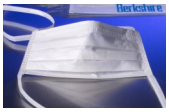
Other Berkshire Products

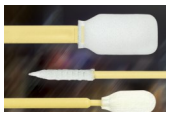
Wipers

Glove Liners

Mop Systems

Documentation Systems


Face Masks


Swabs

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