Super Polx® 1500

Cleanroom Laundered 100% Polyester Knit wiper

Super Polx® 1500 is a knife cut cleanroom laundered wiper recommended for ISO Class 4 and above environments composed of 100% continuous filament polyester knit fabric. This combination of properties provides Super Polx® 1500 with the high 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.

Other ISO Class 4 and above wipers

- Super Polx® 1200

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
- Light weight, high sorbency design
- Low endotoxin levels
- 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 in a gamma irradiated validated sterile to a 10^{-6}

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	126	TAPPI T-410
Caliper		µm	468	TAPPI T-411
Fibers	≥100µm	fibers/cm^2	1.0	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.2 modified
Particles	≥0.5µm	x10^3/cm^2	0.35	IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.1 modified
Sorbency	Capacity	mL/m^2	527	IEST-RP-CC004.4 Sec 9.1 /Sec 9.2 modified
	Efficiency	mL/g	4.2	
	Rate	seconds	1	
Non-Volatile Residue	DI Water	g/m^2	0.0046	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m^2	0.0066	
Ions	Na$^+$	ppm	0.16	IIEST-RP-CC004.4 Sec 8.2.2
	K$^+$	ppm	0.10	
	Ca^{++}	ppm	0.049	
	Mg^{++}	ppm	0.013	
	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® 1500	S1500.0909.8	9x9" (23x23cm)	150	8	Stacked
Super Polx® 1500	S1500.0909B.6	9x9" (23x23cm)	150	6	Value Pack

Other Berkshire Products

 Wipers

 Glove Liners

 Mop Systems
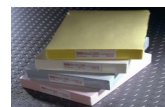
 Documentation Systems

 Face Masks

 Swabs