

## Labx® 123

100% Manila Hemp Nonwoven Cleanroom Wiper



Berkshire is committed to lessen the environment impact of its manufacturing process and products through its **Green Scope Program**

Labx® 123 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Labx® 123 is 100% biodegradable. It is made from 100% manila hemp.

Labx® 123 is engineered as a lightweight low lint material.



### Key Attributes

- 100% manila hemp nonwoven
- Engineered for light weight and low linting
- Meets government specification #AA-50177, Type 1, Class 5 Light Weight, Wet Strength

### Benefits

- Low linting
- Lightweight
- Nonabrasive
- Low extractables
- High absorbency to weight ratio

### Environmental

- Complies with RoHS 2002/05 and Reach requirements
- 100% biodegradable

### Applications

- Lightweight wafer separator material
- Absorbent, low linting work surface material
- Tray liner and wet bench material
- Wiping biomedical devices
- Cleaning of lab equipment
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

### Other Green Scope Products:

- Sunorb® 300
- Lensx® 90
- Labx® 170
- Twillx® 1622
- EcoClean® 35
- EcoClean® 60
- EcoBond®

[www.berkshire.com.sg](http://www.berkshire.com.sg)

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## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	12.0	TAPPI T-410
Caliper		µm	42.2	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	2.1	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	59	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	70.1	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	5.8	
	Rate	seconds	NA	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.0050	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.0051	
Ions	Na <sup>+</sup>	ppm	30	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	5.1	
	Ca <sup>++</sup>	ppm	46	
	Mg <sup>++</sup>	ppm	8.7	
	Cl <sup>-</sup>	ppm	8.9	

### Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specification.
- 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
Labx® 123	LB123.0707.63	7x7" (18x18cm)	1000	63
Labx® 123	LB123.0909.60	9x9" (23x23cm)	500	60
Labx® 123	LB123.1212.30	12x12" (30x30cm)	500	30

## Other Berkshire Products



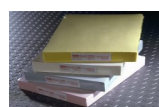
Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs

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