

Product Information ISO Class 6 — 8 Cleanroom Class 1000 – 100,000 EU Grade C/D

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.

low lint material.

Other Green Scope Products:

- Sunsorb® 300
- Lensx[®] 90
- Labx[®] 170
- Twillx[®] 1622
- EcoClean® 35
- EcoClean® 60
- EcoBond®

Key Attributes

- 100% manila hemp nonwoven
- Engineered for light weight and low linting

Labx® 123 is engineered as a lightweight

• 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

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Technical Data:

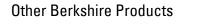
Attribute		Units	Value	Test Method	
Basis Weight		g/m ²	12.0	TAPPI T-410	
Caliper		μm	42.2	TAPPI T-411	
Fibers	≥100µm	fibers/cm ²	2.1	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2	
Particles	≥0.5µm	x10 ³ /cm ²	59	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1	
Sorbency	Capacity	mL/m ²	70.1	IEST-RP.CC004.3, Sec 8.1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





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