

Labx® 123

100% Manila Hemp Nonwoven Cleanroom Wiper

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 and 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

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-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	59	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	70.1	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	5.8	
	Rate	seconds	NA	
Non-Volatile Residue	DI Water	g/m ²	0.0050	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.0051	
Ions	Na ⁺	ppm	30	IEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	5.1	
	Ca ⁺⁺	ppm	46	
	Mg ⁺⁺	ppm	8.7	
	Cl ⁻	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	LB123.0707.20	7x7" (18x18cm)	1000	20
Labx® 123	LB123.0909.60	9x9" (23x23cm)	500	60
Labx® 123	LB123.1212.30	12x12" (30x30cm)	500	30

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