

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®

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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 | |
| | 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 | LB123.0707.63 | 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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