

Labx® 170

80% Abaca / 20% Wood Pulp Nonwoven Cleanroom Wiper



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

Labx® 170 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Labx® 170 is 100% biodegradable. It is made from 80% abaca and 20%

wood pulp. Labx® 170 is engineered as a lightweight low lint material.



Other Green Scope products:

- Sunsoorb® 300
- Lensx® 90
- Twillx® 1622
- EcoClean® 35
- EcoClean® 60
- EcoBond®

Key Attributes

- 80% abaca (manila hemp) / 20% wood pulp nonwoven
- Engineered for light weight and low linting
- Meets government specification #AA-50177, Type 1, Class 4 Heavy 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 of catheters, heart valves and other biomedical devices
- Cleaning of lab equipment
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

Technical Data:

| Attribute | | Units | Value | Test Method |
|----------------------|------------------|-----------------------------------|--------|--|
| Basis Weight | | g/m ² | 17.2 | TAPPI T-410 |
| Caliper | | μm | 68.4 | TAPPI T-411 |
| Fibers | ≥100μm | fibers/cm ² | 0.63 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2 |
| Particles | ≥0.5μm | x10 ³ /cm ² | 23 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1 |
| Sorbency | Capacity | mL/m ² | 94.9 | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
| | Efficiency | mL/g | 5.5 | |
| | Rate | seconds | 40 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.027 | IEST-RP.CC004.3, Sec 7.1.2 |
| | IPA | g/m ² | 0.0046 | |
| Ions | Na ⁺ | ppm | 180 | IEST-RP.CC004.3, Sec 7.2.2 |
| | K ⁺ | ppm | 6.9 | |
| | Ca ⁺⁺ | ppm | 26 | |
| | Mg ⁺⁺ | ppm | 13 | |
| | Cl ⁻ | ppm | 21 | |

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 |
|------------|---------------|------------------|---------|--------|
| Labx® 170 | LB170.0707.81 | 7x7" (18x18cm) | 500 | 81 |
| Labx® 170 | LB170.0909.40 | 9x9" (23x23cm) | 500 | 40 |
| Labx® 170 | LB170.1212.20 | 12x12" (30x30cm) | 500 | 20 |
| Labxx® 170 | LB170.1818.10 | 18x18" (46x46cm) | 500 | 10 |

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: info@berkshire.com

Other Berkshire products

For information on our other products, please click on the relevant text.



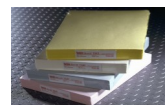
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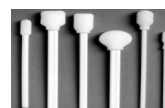
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