

Labx® 170

80% Abaca / 20% Wood Pulp Nonwoven Cleanroom Wiper

Labx® 170 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Labx® 170 is made from 80% abaca and 20% wood pulp. Labx® 170 is engineered as a lightweight low lint material.



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

Applications

- Lightweight wafer separator material
- Absorbent, low linting work surface material
- Tray liner and wet bench material
- Wiping of 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	17.6	TAPPI T-410
Caliper		µm	70.8	TAPPI T-411
Fibres	≥100µm	fibres/cm ²	0.39	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	23	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	97.9	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	5.6	
	Rate	seconds	60	
Non-Volatile Residue	DI Water	g/m ²	0.016	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.0022	
Ions	Na ⁺	ppm	240	IEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	7.0	
	Ca ⁺⁺	ppm	17	
	Mg ⁺⁺	ppm	6.6	
	Cl ⁻	ppm	36	

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 utilised 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	LB170.0909.40	9x9" (23x23cm)	500	40
Labx [®] 170	LB170.1212.20	12x12" (30x30cm)	500	20
Labx [®] 170	LB170.1818.10	18x18" (45x45cm)	500	10

Other Berkshire products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs