

## 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.



### 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 and Reach requirements
- 100% biodegradable

### 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

### Other Green Scope products:

- Lensx® 90
- Labx® 123
- Twillx® 1622
- EcoClean® 35
- EcoClean® 60
- EcoBond®

## Technical Data:

Attribute		Units	Value	Test Method
<b>Basis Weight</b>		g/m <sup>2</sup>	<b>17.6</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>70.8</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>0.39</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
<b>Particles</b>	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	<b>23</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>97.9</b>	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>5.6</b>	
	Rate	seconds	<b>60</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.016</b>	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.0022</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>240</b>	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>7.0</b>	
	Ca <sup>++</sup>	ppm	<b>17</b>	
	Mg <sup>++</sup>	ppm	<b>6.6</b>	
	Cl <sup>-</sup>	ppm	<b>36</b>	

### 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	LB170.0707.28	7x7" (18x18cm)	500	28
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

## Other Berkshire Products



**Wipers**



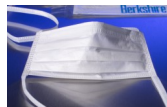
**Glove Liners**



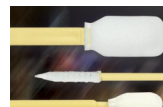
**Mop Systems**



**Documentation Systems**



**Face Masks**



**Swabs**