

## Lensx® 90

### 70% Rayon / 30% Hemp Nonwoven Cleanroom Wiper



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

Lensx® 90 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Lensx® 90 is 100% biodegradable. It is made from 70% rayon and 30%

manila hemp. Lensx® 90 engineered for extreme softness and use in the cleaning of delicate surfaces.



#### Key Attributes

- 70% rayon / 30% manila hemp nonwoven
- Engineered for extreme softness
- Meets government specification #AA-50177, Type 1, Class 1
 

Burst Strength (PSI/10 sheets dry)	51
Acidity (pH value)	5.6
Ash Percent (average)	0.42

#### Benefits

- Extreme softness
- Nonabrasive
- Low extractables

#### Environmental

- Complies with RoHS 2002/05 and Reach requirements
- 100% biodegradable

#### Applications

- Cleaning optical and other sensitive surfaces
- Absorbent, low linting work surface material
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

#### Other Green Scope products:

- SunSorb® 300
- Labx® 170
- Twillx® 1622
- EcoClean® 35
- EcoClean® 60
- EcoBond®

## Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m <sup>2</sup>	9.5	TAPPI T-410
Caliper		µm	49.0	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	2.9	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	6.3	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	91.2	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	9.6	
	Rate	seconds	NA	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.041	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.00023	
Ions	Na <sup>+</sup>	ppm	260	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	7.3	
	Ca <sup>++</sup>	ppm	36	
	Mg <sup>++</sup>	ppm	9	
	Cl <sup>-</sup>	ppm	260	

### Notes:

- All values are statistical averages
- 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
Lensx® 90	LN90.0406.24	4x6" (10x15cm)	1000	24
Lensx® 90	LN90.0609.24	6x9" (15x23cm)	1000	24
Lensx® 90	LN90.0909.16	9x9" (23x23cm)	1000	16
Lensx® 90	LN90.1212.4	12x12" (30x30cm)	1000	4
Lensx® 90	LN90.2436.1	24x36" (61x91cm)	1000	1

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

## Other Berkshire products

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



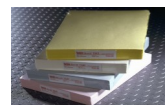
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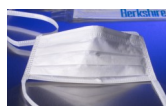
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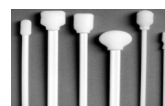
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