

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
- Silicone free
- 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 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:

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

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	9.2	TAPPI T-410
Caliper		µm	47.5	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	2.3	IEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	105	IEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	11.0	
	Rate	seconds	NA	
Non-Volatile Residue	DI Water	g/m ²	0.042	IEST-RP-CC004.3, Sec 7.1.2
	IPA	g/m ²	0.00026	
Ions	Na ⁺	ppm	210	IEST-RP-CC004.3, Sec 7.2.2
	K ⁺	ppm	5.2	
	Ca ⁺⁺	ppm	31	
	Mg ⁺⁺	ppm	9.1	
	Cl ⁻	ppm	220	

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
Lensx® 90	LN90.0406.24	4x6" (10x15cm)	1000	24
Lensx® 90	LN90.0909.16	9x9" (23x23cm)	1000	16
Lensx® 90	LN90.1212.4	12x12" (30x30cm)	1000	4
Lensx® 90	LN9024365	24x36" (61x91cm)	1000	5

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs