

## 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:

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

## Technical Data:

| Attribute            |                  | Units                             | Value   | Test Method                                          |
|----------------------|------------------|-----------------------------------|---------|------------------------------------------------------|
| Basis Weight         |                  | g/m <sup>2</sup>                  | 9.2     | TAPPI T-410                                          |
| Caliper              |                  | μm                                | 47.5    | TAPPI T-411                                          |
| Fibers               | ≥100μm           | fibers/cm <sup>2</sup>            | 2.1     | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2               |
| Particles            | ≥0.5μm           | x10 <sup>3</sup> /cm <sup>2</sup> | 2.3     | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1               |
| Sorbency             | Capacity         | mL/m <sup>2</sup>                 | 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 <sup>2</sup>                  | 0.042   | IEST-RP.CC004.3, Sec 7.1.2                           |
|                      | IPA              | g/m <sup>2</sup>                  | 0.00026 |                                                      |
| Ions                 | Na <sup>+</sup>  | ppm                               | 210     | IEST-RP.CC004.3, Sec 7.2.2                           |
|                      | K <sup>+</sup>   | ppm                               | 5.2     |                                                      |
|                      | Ca <sup>++</sup> | ppm                               | 31      |                                                      |
|                      | Mg <sup>++</sup> | ppm                               | 9.1     |                                                      |
|                      | Cl <sup>-</sup>  | 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 | 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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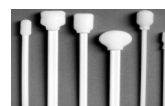
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