

## MicroSeal SuperSorb® Lite

Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

MicroSeal Supersorb® Lite is a high absorbency, ultrasonically sealed edge, cleanroom laundered wiper recommended for ISO Class 3 and above environments. Made of 2 plies of 100% continuous filament polyester knit fabric, the wiper is ultrasonically bonded together, providing

exceptional absorbency. World class fiber and particle performance make MicroSeal Supersorb® Lite suitable for the most critical spill control and cleaning applications.



### Key Attributes

- 100% continuous filament polyester knit
- Two-ply pinsonic construction with unique knit structure and pattern
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom

### Benefits

- Critically low particles, fibers, ions and extractables
- Light weight, high absorbency material design reduces actual cost in use compared to heavier weight products
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Pinsonic design adds surface texture that aids in stubborn residue removal

### Environmental

- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight designs

### Other Class 3 and above wipers

- UltraSeal® 3000
- MicroSeal® 1200
- MicroSeal SuperSorb®
- MicroSeal® VP
- ValuSeal® LP
- ValuSeal® HA
- ValuSeal® 1500

### Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for the highest level of contamination control in critical processing applications
- Excellent for spill control in processing areas where sorbency is of the greatest importance
- Chamber cleaning and CMP processing
- Stencil and other print roll cleaning applications
- Steam autoclavable for aseptic applications
- Cleaning of medical device products

### Value Pack Option

The value pack option provides the same great performance in a more economical bulk packaging format.

### Pre-Wetted Option

The same wiper material can be provided in pre-wetted formats for reduced VOC emissions, increased convenience, increased productivity, improved solvent control and cleaning protocol repeatability and reduced costs.

### Sterile Validated Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10<sup>-6</sup>

[www.berkshire.com.sg](http://www.berkshire.com.sg)

Contact: Tel 65.6252.4313

Fax: 65.6252.4312

Email: [enquiries@berkshire.com.sg](mailto:enquiries@berkshire.com.sg)

|          |                         |                         |  |
|----------|-------------------------|-------------------------|--|
| Americas | Tel 1 413 528 2602      | Fax 1 413 528 2614      | <a href="mailto:info@berkshire.com">info@berkshire.com</a>                 |
| Europe   | Tel 44 (0) 870 757 2877 | Fax 44 (0) 870 757 2878 | <a href="mailto:enquiries@berkshire.uk.com">enquiries@berkshire.uk.com</a> |
| SE Asia  | Tel 65 6252 4313        | Fax 65 6252 4312        | <a href="mailto:enquiries@berkshire.com.sg">enquiries@berkshire.com.sg</a> |
| Japan    | Tel 81 3 5827 2380      | Fax 81 3 5827 2382      | <a href="mailto:master@berkshire.co.jp">master@berkshire.co.jp</a>         |

## Technical Data:

| Attribute            |                  | Units                             | Value  | Test Method  |
|----------------------|------------------|-----------------------------------|--------|--|
| Basis Weight         |                  | g/m <sup>2</sup>                  | 206    | TAPPI T-410  |
| Caliper              |                  | µm                                | 653    | TAPPI T-411  |
| Fibers               | ≥100µm           | fibers/cm <sup>2</sup>            | 0.031  | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2               |
| Particles            | ≥0.5µm           | x10 <sup>3</sup> /cm <sup>2</sup> | 0.48   | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1               |
| Sorbency             | Capacity         | mL/m <sup>2</sup>                 | 777    | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
|                      | Efficiency       | mL/g                              | 3.8    |  |
|                      | Rate             | seconds                           | 1      |  |
| Non-Volatile Residue | DI Water         | g/m <sup>2</sup>                  | 0.0045 | IEST-RP.CC004.3, Sec 7.1.2                           |
|                      | IPA              | g/m <sup>2</sup>                  | 0.024  |  |
| Ions                 | Na <sup>+</sup>  | ppm                               | 0.041  | IEST-RP.CC004.3, Sec 7.2.2                           |
|                      | K <sup>+</sup>   | ppm                               | 0.019  |  |
|                      | Ca <sup>++</sup> | ppm                               | 0.048  |  |
|                      | Mg <sup>++</sup> | ppm                               | 0.031  |  |
|                      | Cl <sup>-</sup>  | ppm                               | 0.085  |  |

### 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 | Style   |
|---------------------------|---------------|------------------|---------|--------|---------|
| MicroSeal SuperSorb® Lite | SSLT.0909B.14 | 9x9" (23x23cm)   | 100     | 14     | Bulk    |
| MicroSeal SuperSorb® Lite | SSLT.0909.14  | 9x9" (23x23cm)   | 100     | 14     | Stacked |
| MicroSeal SuperSorb® Lite | SSLT.1212B.16 | 12x12" (30x30cm) | 50      | 16     | Bulk    |
| MicroSeal SuperSorb® Lite | SSLT.1212.16  | 12x12" (30x30cm) | 50      | 16     | Stacked |

## Other Berkshire Products



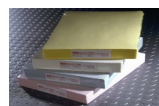
Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs

[www.berkshire.com.sg](http://www.berkshire.com.sg)

Contact: Tel 65.6252.4313 / Fax: 65.6252.4312

Email: [enquiries@berkshire.com.sg](mailto:enquiries@berkshire.com.sg)