

## SatPax® ValuSeal® - LP

Pre-wetted Sealed Edge Cleanroom Laundered 100% Polyester Knit Wiper

SatPax® ValuSeal®- LP is an ultrasonically sealed edge cleanroom laundered wipers composed of 100% continuous filament polyester knit fabric with various concentrations of isopropyl alcohol. This pre-wetted format provides a cost-effective and easy-to-use solution versus traditional bulk handling of solvents, maintenance of squirt bottles and inconsistent wetting and cleaning associated with wetting a dry wiper during cleaning



### Key Attributes

- 100% continuous filament polyester knit
- Ultrasonically sealed edge for reduced fiber contamination
- Laundered and packaged in Berkshire's ISO Class 4 cleanroom
- Pre-wetted with consistent IPA/ DI Water concentration and saturation level
- Re-sealable solvent resistant packaging

### Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency

### Environmental

- Registered under REACH

### Other Class 3 and above Pre-wetted wipers

- SatPax® 3000
- SatPax® ValuSeal®1500
- SatPax® HA-R
- SatPax® MicroSeal®1200

### Applications

- Designed for use in ISO Class 3 and higher cleanroom environments
- Designed for use in wet cleaning of critical surfaces where control of flammable solvents and flammable solvent concentrations is required
- Final cleaning of surfaces or products prior to manufacturing or packaging

### Alcohol Mixtures

Alcohol / DI Water mixtures can be varied to fit the customer requirements. Typical mixtures are 70/30 and 9/91 IPA/DI Water.

### Saturation Levels

The amount of solution contained in each wiper can be varied according to customer requirements. Higher saturation levels apply more solution to the surface during cleaning.

### 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> sterility assurance level.

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

Contact: Tel 1 800 242 7000 / 1 413 528 2602  
[info@berkshire.com](mailto:info@berkshire.com)

|         |                      |  |
|---------|----------------------|--|
| America | Tel 1 413 528 2602   | <a href="mailto:info@berkshire.com">info@berkshire.com</a>                 |
| Europe  | Tel + 44 1953 562800 | <a href="mailto:enquiries@berkshire.uk.com">enquiries@berkshire.uk.com</a> |
| SE Asia | Tel 65 6252 4313     | <a href="mailto:enquiries@berkshire.com.sg">enquiries@berkshire.com.sg</a> |
| Japan   | Tel 81 3 4530 9883   | <a href="mailto:master@berkshire.co.jp">master@berkshire.co.jp</a>         |

## Technical Data (In Dry State)

| Attribute                   |                  | Units                             | Value         | Test Method                                  |
|-----------------------------|------------------|-----------------------------------|---------------|--|
| <b>Basis Weight</b>         |                  | g/m <sup>2</sup>                  | <b>145</b>    | TAPPI T-410                                  |
| <b>Caliper</b>              |                  | µm                                | <b>411</b>    | TAPPI T-411                                  |
| <b>Fibers</b>               | ≥100µm           | fibers/cm <sup>2</sup>            | <b>0.034</b>  | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified |
| <b>Particles</b>            | ≥0.5µm           | x10 <sup>3</sup> /cm <sup>2</sup> | <b>0.47</b>   | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified |
| <b>Sorbency</b>             | Capacity         | mL/m <sup>2</sup>                 | <b>435</b>    | IEST-RP-CC004.4 Sec 9.1/Sec 9.2 modified     |
|                             | Efficiency       | mL/g                              | <b>3.0</b>    |  |
|                             | Rate             | seconds                           | <b>1</b>      |  |
| <b>Non-Volatile Residue</b> | DI Water         | g/m <sup>2</sup>                  | <b>0.0074</b> | IEST-RP-CC004.4 Sec 8.1.2                    |
|                             | IPA              | g/m <sup>2</sup>                  | <b>0.010</b>  |  |
| <b>Ions</b>                 | Na <sup>+</sup>  | ppm                               | <b>0.39</b>   | IEST-RP-CC004.4 Sec 8.2.2                    |
|                             | K <sup>+</sup>   | ppm                               | <b>0.041</b>  |  |
|                             | Ca <sup>++</sup> | ppm                               | <b>0.033</b>  |  |
|                             | Mg <sup>++</sup> | ppm                               | <b>0.0058</b> |  |
|                             | Cl <sup>-</sup>  | ppm                               | <b>0.14</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 | IPA/DI | Saturation | VOC % by Weight | Style  |
|------------------------|----------------|----------------|---------|--------|--------|------------|-----------------|--------|
| SatPax® ValuSeal® - LP | SPXVSLP.003.12 | 9x9" (23x23cm) | 30      | 12     | 70/30  | 80%        | 43%             | J-fold |

### Other Berkshire Products



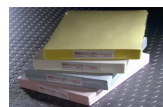
**Wipers**



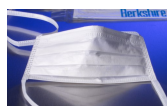
**Glove Liners**



**Mop Systems**



**Documentation Systems**



**Face Masks**



**Swabs**