Product Information

# ISO Class 5 – 8

Cleanroom Class 100 – 100,000
EU Grade B/C/D

# SatPax® 1000 Pouch

## Pre-wetted 55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

SatPax® 1000 combines Durx® 670 nonwoven wipers composed of a hydroentangled nonwoven blend of 55% cellulose and 45% polyester with various saturation levels of isopropyl alcohol and DI water. 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




**Other Class 5 and above Pre-wetted wipers**

- SatPax® 670
- SatPax® 550

**Key Attributes**

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- No chemical binders in base material
- Pre-wetted with consistent IPA / DI Water concentrations and saturation levels
- Re-sealable solvent resistant packaging with wipers in a c-folded configuration for single withdrawal
- Also available in canister dispensers—wipers in perforated roll configuration for pop-up convenience

**Benefits**

- Low extractables and fiber and particle counts
- Smooth and durable with good wet strength
- Reduces alcohol usage and preparation / handling costs
- Reduces VOC emissions
- Increases cleaning efficiency
- Increases cleaning protocol consistency

**Environmental**

- Registered under REACH

**Applications**

- Designed for use in ISO Class 5 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
- High saturation level is ideal for removing cleaning and disinfecting residues in regulated environments

**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 $10^{-6}$ sterility assurance level.

**www.berkshire.uk.com**
Contact: Tel + 44 1953 562800
enquiries@berkshire.uk.com

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|---|---|---|
| America | Tel 1 413 528 2602 | info@berkshire.com |
| Europe | Tel + 44 1953 562800 | enquiries@berkshire.uk.com |
| SE Asia | Tel 65 6252 4313 | enquiries@berkshire.com.sg |
| Japan | Tel 81 3 4530 9883 | master@berkshire.co.jp |

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## Technical Data (In Dry State)

| Attribute | | Units | Value | Test Method |
|---|---|---|---|---|
| **Basis Weight** | | $g/m^2$ | **68.0** | TAPPI T-410 |
| **Caliper** | | µm | **264** | TAPPI T-411 |
| **Fibres** | ≥100µm | $fibres/cm^2$ | **160** | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified |
| **Particles** | ≥0.5µm | $x10^3/cm^2$ | **10** | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified |
| **Sorbency** | Capacity | $mL/m^2$ | **320** | IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified |
| | Efficiency | mL/g | **4.7** | |
| | Rate | seconds | **2** | |
| **Non-Volatile Residue** | DI Water | $g/m^2$ | **0.028** | IEST-RP-CC004.4 Sec 8.1.2 |
| | IPA | $g/m^2$ | **0.0038** | |
| **Ions** | $Na^+$ | ppm | **62** | IEST-RP-CC004.4 Sec 8.2.2 |
| | $K^+$ | ppm | **5.9** | |
| | $Ca^{++}$ | ppm | **22** | |
| | $Mg^{++}$ | ppm | **5.0** | |
| | $Cl^-$ | ppm | **31** | |

**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 utilised 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® 1000 | SPX1000.002.12 | 9x9" (23x23cm) | 75 | 12 | 09/91 | 45% | 4.7% | Pouch |
| SatPax® 1000 | SPX1000.011.12 | 9x9" (23x23cm) | 75 | 12 | 6/94 | 45% | 3.1% | Pouch |
| SatPax® 1000 | SPX100001212 | 6x9" (15x23cm) | 100 | 12 | 70/30 | 75% | 48% | Zipper Pouch |

## Other Berkshire Products

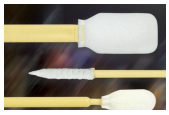

**Wipers**


**Glove Liners**


**Mop Systems**


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**Face Masks**


**Swabs**

**www.berkshire.uk.com**
Contact: Tel + 44 1953 562800 / info@berkshire.uk.com

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