

Twillex® 1622

100% Cotton Woven Cleanroom Wiper



Berkshire is committed to lessen the environment impact of its manufacturing process and products through its **Green Scope Program**

Twillex® 1622 is an environmentally friendly wipe that has been designed for ISO Class 6 (Class 1000) and above cleanroom applications. Twillex® 1622 is 100% biodegradable. It is made from 100% cotton woven in a

twill pattern and bias cut to minimize contamination. Twillex® 1622 is engineered for tough cleaning applications requiring absorbency, strength and heat resistance.



Key Attributes

- 100% woven cotton
- No binders or other additives
- Bias cut and tight weave construction

Benefits

- Excellent strength and durability
- Good absorbency
- High heat resistance
- Excellent resistance to the buildup of electrostatic discharge in 40-60% RH environments
- Works well with IPA and other solvents
- Autoclavable

Environmental

- Complies with RoHS and Reach requirements
- 100% biodegradable

Applications

- Ideal for high temperature equipment cleaning and diffusion furnaces
- Absorbent, low linting work surface material
- Cleaning, polishing and burnishing of metallic and nonmetallic magnetic media disk surfaces
- Cleaning of solvent spills
- Compatible with ISO Class 6 (Class 1000) cleanroom applications and above

Other Green Scope products:

- Sunorb® 300
- Labx® 170
- Lensx® 90
- EcoClean® 35
- EcoClean® 60
- EcoBond®

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Technical Data:

| Attribute | | Units | Value | Test Method |
|----------------------|------------------|-----------------------------------|-------|--|
| Basis Weight | | g/m ² | 171 | TAPPI T-410 |
| Caliper | | μm | 352 | TAPPI T-411 |
| Fibers | ≥100μm | fibers/cm ² | NA | NA |
| Particles | ≥0.5μm | x10 ³ /cm ² | NA | NA |
| Sorbency | Capacity | mL/m ² | 333 | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
| | Efficiency | mL/g | 1.9 | |
| | Rate | seconds | 8 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.072 | IEST-RP.CC004.3, Sec 7.1.2 |
| | IPA | g/m ² | 0.092 | |
| Ions | Na ⁺ | ppm | 60 | IEST-RP.CC004.3, Sec 7.2.2 |
| | K ⁺ | ppm | 0.31 | |
| | Ca ⁺⁺ | ppm | 15 | |
| | Mg ⁺⁺ | ppm | 18 | |
| | Cl ⁻ | ppm | 3.8 | |

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 |
|-------------|--------------|------------------|---------|--------|
| Twilx® 1622 | T1622.0909.8 | 9x9" (23x23cm) | 300 | 8 |
| Twilx® 1622 | T1622.1212.4 | 12x12" (30x30cm) | 150 | 4 |

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs