

EcoClean® 60

100% Cotton Nonwoven Cleanroom Wiper

EcoClean® is an environmentally friendly wipe that has been designed for ISO Class 5 (Class 100) and above cleanroom applications. It is made from 100% natural fiber that contains no binders or additives, and it is manufactured by a proprietary process for low fiber release and high strength. EcoClean® 60 can be used in critical pharmaceutical, medical device, and semiconductor applications where absorbency and softness are required.



Key Attributes

- 100% nonwoven cotton
- Manufactured by a proprietary process for low fiber release and high strength
- No binders or other additives
- Low ionic contamination

Benefits

- Excellent strength
- Heat resistant
- Highly absorbent and durable
- Extremely soft
- Resists build up of static charge

Environmental

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

Applications

- Cleaning high temperature production equipment and diffusion furnaces
- Absorbent, low linting work surface material
- Removing aqueous and solvent spills
- Critical industrial applications where absorbency and softness are critical
- Cleaning of support/less critical areas and manufacturing processes in regulated environments
- Wiping of optics and other sensitive surfaces
- Steam autoclavable for aseptic applications
- Compatible with ISO Class 5 (Class 100) cleanroom applications and above
- FDA 21 CFR 177.2800 (GRAS)

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Technical data:

| Attribute | | Units | Value | Test Method |
|-----------------------------|------------------|-----------------------------------|--------------|--|
| Basis Weight | | g/m ² | 59.6 | TAPPI T-410 |
| Caliper | | µm | 270 | TAPPI T-411 |
| Fibers | ≥100µm | fibers/cm ² | 39 | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified |
| Particles | ≥0.5µm | x10 ³ /cm ² | 35 | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified |
| Sorbency | Capacity | mL/m ² | 385 | IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified |
| | Efficiency | mL/g | 6.5 | |
| | Rate | seconds | 1 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.023 | IEST-RP-CC004.4 Sec 8.1.2 |
| | IPA | g/m ² | 0.016 | |
| Ions | Na ⁺ | ppm | 110 | IEST-RP-CC004.4 Sec 8.2.2 |
| | K ⁺ | ppm | 0.59 | |
| | Ca ⁺⁺ | ppm | 1.3 | |
| | Mg ⁺⁺ | ppm | 0.50 | |
| | Cl ⁻ | ppm | 20 | |

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 |
|--------------|---------------|------------------|---------|--------|
| EcoClean® 60 | ECW60.0909.20 | 9x9" (23x23cm) | 300 | 20 |
| EcoClean® 60 | ECW60.1212.20 | 12x12" (30x30cm) | 150 | 20 |

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs