

# EcoClean Non-woven Cotton Cleanroom Wiper

Product Information

ISO Class 5—8

Cleanroom Class 100 – 100,000

EU Grade B/C/D

USP <797>

EcoClean® is an environmentally friendly wipe that has been designed for ISO Class 5 (Class 100) and above cleanroom applications. EcoClean® is 100% biodegradable and renewable. 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® 35 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
- Quarter folded to fit the hand and promote proper wiping technique

## Benefits

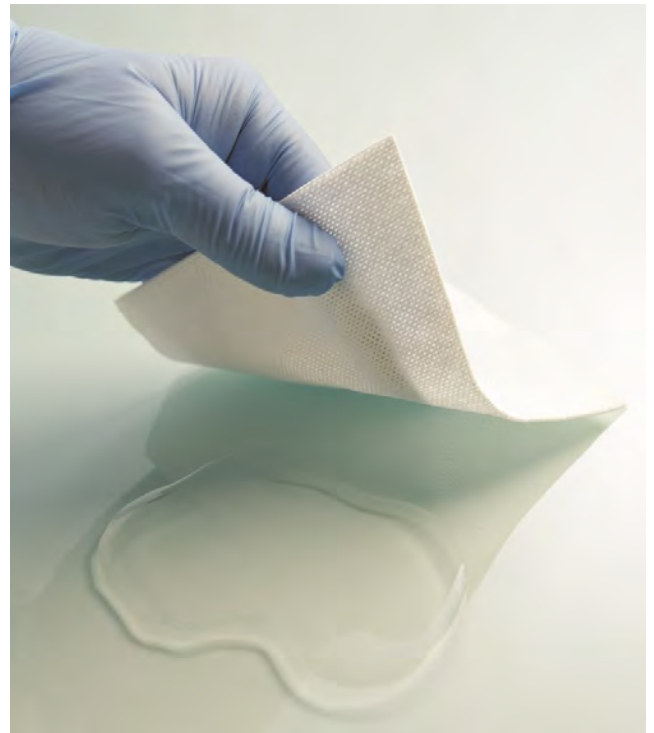
- Apertured surface aids in particle pick up and entrapment
- Heat resistant
- Highly absorbent
- Soft

## Environmental

- Light weight, high absorbency design reduces landfill waste impact when compared to more traditional heavier weight products
- EcoClean® is 100% biodegradable and renewable

## Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and USP <797> applications
- Cleaning high temperature production equipment and diffusion furnaces
- Absorbent, low linting work surface material
- Optical
- Critical industrial applications where absorbency and softness are critical
- Cleaning of support/less critical areas and manufacturing processes in regulated environments
- USP <797> - A good upgrade from gauze
- Steam autoclavable for use in aseptic applications
- EC Regulation 1935 (2004) - Food contact compliant
- FDA 21 CFR - Food contact compliant



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





**Technical data:**

Attribute		Units	Value	Test Method
<b>Basis Weight</b>		g/m <sup>2</sup>	<b>35.2</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>183</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>32</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
<b>Particles</b>	≥0.5µm	x10 <sup>8</sup> /cm <sup>2</sup>	<b>13</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>251</b>	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>7.1</b>	
	Rate	seconds	<b>3</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.020</b>	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.013</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>150</b>	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>2.7</b>	
	Ca <sup>++</sup>	ppm	<b>2.5</b>	
	Mg <sup>++</sup>	ppm	<b>1.4</b>	
	Cl <sup>-</sup>	ppm	<b>25</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

