

## ValuClean® Plus

50% Rayon / 50% Polyester Nonwoven Cleanroom Wiper

ValuClean® Plus is a hydroentangled rayon/polyester nonwoven recommended for ISO Class 5 and above environments and offers exceptional absorbency, durability and cleanliness at an economical price point. Due to its 50%

rayon content, ValuClean® Plus has **best-in-class** absorbency, reducing actual wiper usage in spill removal applications. Its soft hand and low fiber shedding performance make it a

good choice in critical cleaning applications where economy is important



### Key Attributes

- 50% rayon / 50% polyester hydroentangled nonwoven blend
- No binders or other chemical additives

### Benefits

- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of rayon
- Smooth with excellent strength and durability
- High absorbency compared to typical cellulose / polyester nonwoven wipers can reduce actual wiper usage in spill or solution removal applications
- Low extractable levels and particle counts
- Chemically compatible with common cleaning and disinfecting solutions
- Economical

### Environmental

- High absorbency with low basis weight reduces landfill waste impact when compared with market leading cellulose/polyester wipers

### Other Class 5 and above nonwoven wipers

- BlueSorb® 750
- Durx® 570
- Durx® 670
- Durx® 770
- MicroFirst®
- MicroFirst LP®
- ProjX® 700
- Pro-Wipe® 750
- Pro-Wipe® 880

### Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- General wipe downs
- Cleaning of lab equipment
- General wiping in component prep, compounding and wash areas
- Applying and removing cleaning and disinfecting solutions and spill pick up
- Not suitable for autoclaving

### Pre-Wetted Option

The same wiper material can be provided in pre-wetted formats for reduced VOC emissions, increased convenience, increased productivity, improved solvent control and cleaning protocol repeatability and reduced costs.

### Sterile Validated Option

If sterile product is needed, please contact Berkshire Customer Service for more information and alternative recommendations.

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

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## Technical Data:

Attribute		Units	Value	Test Method
<b>Basis Weight</b>		g/m <sup>2</sup>	<b>62.9</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>299</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>33</b>	IEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.2
<b>Particles</b>	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	<b>7.8</b>	IEST-RP-CC004.3, Sec 6.1.3 / Sec 6.2.1
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>439</b>	IEST-RP-CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>7.0</b>	
	Rate	seconds	<b>1</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.022</b>	IEST-RP-CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.0019</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>140</b>	IEST-RP-CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>7.5</b>	
	Ca <sup>++</sup>	ppm	<b>29</b>	
	Mg <sup>++</sup>	ppm	<b>5.9</b>	
	Cl <sup>-</sup>	ppm	<b>12</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	Style
ValuClean® Plus	VCLP.0707.45	7X7" (18X18CM)	300	45	Stacked
ValuClean® Plus	VCLP.0909.20	9x9" (23x23cm)	300	20	Stacked
ValuClean® Plus	VCLP.1212.20	12x12" (30x30cm)	150	20	Stacked

## Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs