

## ProjX® 700

### 55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

ProjX® 700 is a creped cellulose / polyester nonwoven wiper recommended for ISO Class 5 and above environments composed of a hydroentangled nonwoven blend of 55% cellulose and 45% polyester. This

combination of properties provides ProjX® 700 with the level of absorbency, abrasion resistance and chemical compatibility required for controlled environments and applications where both cleanliness and economy are of the most importance.



#### Key Attributes

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- Creped for increased absorbency to weight ratio
- No binders or other chemical additives

#### Benefits

- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of cellulose
- Creped design for increased absorbency characteristics
- Low extractable levels
- Durable with good wet strength
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable
- Economical

#### Environmental

- Complies with RoHS 2002/05 and REACH requirements
- Lightweight design helps reduce landfill waste impact compared to heavier weight nonwovens
- 55% cellulose fiber content is biodegradable

#### Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Excellent choice for entry level cleanroom construction wiping needs
- General purpose wiping and spill control
- General wiping in component prep, compounding and wash areas
- Low NVR's make good for general wiping and cleaning in biomedical environments
- Applying and removing cleaning and disinfecting solutions

#### Other Class 5 and above nonwoven wipers

- BlueSorb® 750
- Durx® 670
- Durx® 770
- MicroFirst®
- MicroFirst LP®
- Pro-Wipe® 750
- Pro-Wipe® 880
- ValuClean® Plus

#### 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

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10<sup>-6</sup> sterility assurance level. Dry and pre-wetted versions available.

[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>52.1</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>223</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>210</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>40</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>295</b>	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>5.7</b>	
	Rate	seconds	<b>2</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.025</b>	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.0038</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>17</b>	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>2.7</b>	
	Ca <sup>++</sup>	ppm	<b>18</b>	
	Mg <sup>++</sup>	ppm	<b>4.9</b>	
	Cl <sup>-</sup>	ppm	<b>9.7</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
ProjX <sup>®</sup> 700	PJ700.0909.20	9x9" (23x23cm)	200	20	Stacked
ProjX <sup>®</sup> 700	PJ700.1212.20	12x12" (30x30cm)	150	20	Stacked

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: [info@berkshire.com](mailto:info@berkshire.com)

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