

## ProjX<sup>®</sup> 700

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

ProjX<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 750
- Durx<sup>®</sup> 670
- Durx<sup>®</sup> 770
- MicroFirst<sup>®</sup>
- MicroFirst LP<sup>®</sup>
- Pro-Wipe<sup>®</sup> 750
- Pro-Wipe<sup>®</sup> 880
- ValuClean<sup>®</sup>

#### 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
Basis Weight		g/m <sup>2</sup>	53.0	TAPPI T-410
Caliper		μm	226	TAPPI T-411
Fibers	≥100μm	fibers/cm <sup>2</sup>	180	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5μm	x10 <sup>3</sup> /cm <sup>2</sup>	56	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	295	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	5.6	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.024	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.0054	
Ions	Na <sup>+</sup>	ppm	16	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	1.7	
	Ca <sup>++</sup>	ppm	14	
	Mg <sup>++</sup>	ppm	4.5	
	Cl <sup>-</sup>	ppm	ND	

### 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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