Berkshire
ENGINEERED CLEAN

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
- Lightweight design helps reduce landfill waste impact compared to heavier weight nonwovens

Other Class 5 and above nonwoven wipers
- BlueSorb® 750
- Durx® 670
- Durx® 770
- MicroFirst®
- MicroFirst LP®
- Pro-Wipe® 750
- Pro-Wipe® 880
- ValuClean® Plus

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

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^{-6} sterility assurance level. Dry and pre-wetted versions available.

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m^2	52.1	TAPPI T-410
Caliper		µm	223	TAPPI T-411
Fibers	≥100µm	fibers/cm^2	210	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10^3/cm^2	40	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m^2	295	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	5.7	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m^2	0.025	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m^2	0.0038	
Ions	Na$^+$	ppm	17	IEST-RP.CC004.3, Sec 7.2.2
	K$^+$	ppm	2.7	
	Ca^{++}	ppm	18	
	Mg^{++}	ppm	4.9	
	Cl$^-$	ppm	9.7	

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® 700	PJ700.0909.20	9x9" (23x23cm)	200	20	Stacked
ProjX® 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.uk.com**
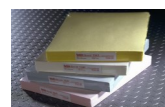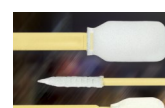
Other Berkshire products

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