

Durx® 670

55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

Durx® 670 is a 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 Durx® 670 with the absorbency level, 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
- No binders or other chemical additives

Benefits

- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of cellulose
- Smooth, highly absorbent and durable
- Low extractable levels and particle counts
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable
- Economical

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and USP <797> applications
- General equipment wrap and wipe downs
- General purpose wiping applications
- Cleaning of lab equipment
- General wiping in component prep, compounding and wash areas
- Applying and removing cleaning and disinfecting solutions
- EC Regulation 1935 (2004) - Food contact compliant
- FDA 21 CFR - Food contact compliant
- Meets AMS 3819D requirements, Class 2, Grade A, Form 1
- Meets BMS 15-5 requirements

Environmental

- Meets RoHS requirements

Other ISO Class 5 and above nonwoven wipers

- BlueSorb® 750
- Durx® 570
- Durx® 770
- MicroFirst®
- MicroFirst LP®
- ProjX® 700
- 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 10⁻⁶ sterility assurance level. Dry and pre-wetted versions available.

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Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	68.0	TAPPI T-410
Caliper		µm	264	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	160	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	10	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	320	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	4.7	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.028	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.0038	
Ions	Na ⁺	ppm	62	IEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	5.9	
	Ca ⁺⁺	ppm	22	
	Mg ⁺⁺	ppm	5.0	
	Cl ⁻	ppm	31	

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
Durx® 670	DR670.0404.10	4x4" (10x10cm)	1200	10	Stacked
Durx® 670	DR670.0404.40	4x4" (10x10cm)	300	40	Stacked
Durx® 670	DR670.0707.12	7x7" (18x18cm)	300	12	Stacked
Durx® 670	DR670.0707.45	7x7" (18x18cm)	300	45	Stacked
Durx® 670	DR670.0708.36	7x8" (18x20cm)	300	36	Stacked
Durx® 670	DR670090910	9x9" (23x23cm)	300	10	Stacked
Durx® 670	DR670.0909.20	9x9" (23x23cm)	300	20	Stacked
Durx® 670	DR670.1212.20	12x12" (30x30cm)	150	20	Stacked
Durx® 670	DR670.1818.10	18x18" (46x46cm)	150	10	Stacked

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs