

## Durx<sup>®</sup> 770

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

Durx<sup>®</sup> 770 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<sup>®</sup> 770 with the level of absorbency, abrasion resistance and chemical compatibility required for controlled environments and applications. Durx<sup>®</sup> 770 is further

enhanced with an ultra-low particle and fiber treatment to significantly reduce particles and fibers compared to Durx<sup>®</sup> 670.



#### Key Attributes

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- Enhanced with an ultra low particle and fiber treatment

#### Benefits

- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of cellulose
- Reduced particle and fiber generation with ultra low particle and fiber treatment
- Smooth, absorbent and durable
- Low extractable levels
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable
- Economical

#### Environmental

- Complies with RoHS 2002/05 and REACH requirements
- 55% cellulose fiber content is biodegradable

#### Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Facilities manufacturing integrated circuit, printed circuit board and electronic components
- 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

#### Other ISO Class 5 and above nonwoven wipers

- BlueSorb<sup>®</sup> 750
- Durx<sup>®</sup> 670
- MicroFirst<sup>®</sup>
- MicroFirst LP<sup>®</sup>
- ProjX<sup>®</sup> 700
- Pro-Wipe<sup>®</sup> 750
- Pro-Wipe<sup>®</sup> 880
- ValuClean<sup>®</sup> 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
Basis Weight		g/m <sup>2</sup>	65.8	TAPPI T-410
Caliper		µm	245	TAPPI T-411
Fibers	≥100µm	fibers/cm <sup>2</sup>	17	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	5.0	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m <sup>2</sup>	258	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	3.9	
	Rate	seconds	3	
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.10	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	0.049	
Ions	Na <sup>+</sup>	ppm	83	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	9.3	
	Ca <sup>++</sup>	ppm	31	
	Mg <sup>++</sup>	ppm	12	
	Cl <sup>-</sup>	ppm	52	

### 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 <sup>®</sup> 770	DR770.0404.10	4x4" (10x10cm)	1200	10	Stacked
Durx <sup>®</sup> 770	DR770.0404.40	4x4" (10x10cm)	300	40	Stacked
Durx <sup>®</sup> 770	DR770.0707.45	7x7" (18x18cm)	300	45	Stacked
Durx <sup>®</sup> 770	DR770.0909.20	9x9" (23x23cm)	300	20	Stacked
Durx <sup>®</sup> 770	DR770.1212.20	12x12" (30x30cm)	150	20	Stacked
Durx <sup>®</sup> 770	DR770.1818.10	18x18" (46x46cm)	150	10	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)

## Other Berkshire products

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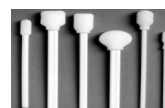
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