

## 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

#### 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>

#### 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

#### 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)

Contact: Tel 1 800 242 7000 / 1 413 528 2602  
[info@berkshire.com](mailto:info@berkshire.com)

<b>America</b>	Tel 1 413 528 2602	Fax 1 413 528 2614	<a href="mailto:usa@berkshire.com">usa@berkshire.com</a>
<b>Europe</b>	Tel 44 (0) 870 757 2877	Fax 44 (0) 870 757 2878	<a href="mailto:enquiries@berkshire.uk.com">enquiries@berkshire.uk.com</a>
<b>SE Asia</b>	Tel 65 6252 4313	Fax 65 6252 4312	<a href="mailto:enquiries@berkshire.com.sg">enquiries@berkshire.com.sg</a>
<b>Japan</b>	Tel 81 45 477 4481	Fax 81 45 477 4484	<a href="mailto:master@berkshire.co.jp">master@berkshire.co.jp</a>

## Technical Data:

Attribute		Units	Value	Test Method
<b>Basis Weight</b>		g/m <sup>2</sup>	<b>70.5</b>	TAPPI T-410
<b>Caliper</b>		µm	<b>227</b>	TAPPI T-411
<b>Fibers</b>	≥100µm	fibers/cm <sup>2</sup>	<b>6.9</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>8.8</b>	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
<b>Sorbency</b>	Capacity	mL/m <sup>2</sup>	<b>227</b>	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	<b>3.2</b>	
	Rate	seconds	<b>4</b>	
<b>Non-Volatile Residue</b>	DI Water	g/m <sup>2</sup>	<b>0.14</b>	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m <sup>2</sup>	<b>0.02</b>	
<b>Ions</b>	Na <sup>+</sup>	ppm	<b>110</b>	IEST-RP.CC004.3, Sec 7.2.2
	K <sup>+</sup>	ppm	<b>12</b>	
	Ca <sup>++</sup>	ppm	<b>3.1</b>	
	Mg <sup>++</sup>	ppm	<b>1.4</b>	
	Cl <sup>-</sup>	ppm	<b>56</b>	

### Notes:

- All values are statistical averages
- 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

For information on our other products, please click on the relevant text.



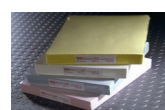
[Wipers](#)



[Glove Liners](#)



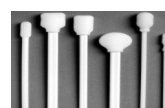
[Mop Systems](#)



[Documentation Systems](#)



[Face Masks](#)



[Swabs](#)