

Durx[®] 770

55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

Durx[®] 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[®] 770 with the level of absorbency, abrasion resistance and chemical compatibility required for controlled environments and applications. Durx[®] 770 is further

enhanced with an ultra-low particle and fiber treatment to significantly reduce particles and fibers compared to Durx[®] 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[®] 750
- Durx[®] 670
- MicroFirst[®]
- MicroFirst LP[®]
- ProjX[®] 700
- Pro-Wipe[®] 750
- Pro-Wipe[®] 880
- ValuClean[®]

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.

www.berkshire.com

Contact: Tel 1 800 242 7000 / 1 413 528 2602
info@berkshire.com

America	Tel 1 413 528 2602	Fax 1 413 528 2614	info@berkshire.com
Europe	Tel 44 (0) 870 757 2877	Fax 44 (0) 870 757 2878	enquiries@berkshire.uk.com
SE Asia	Tel 65 6252 4313	Fax 65 6252 4312	enquiries@berkshire.com.sg
Japan	Tel 81 3 5827 2380	Fax 81 3 5827 2382	master@berkshire.co.jp

Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	65.0	TAPPI T-410
Caliper		µm	242	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	12	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	9.6	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	255	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	3.9	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.11	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.11	
Ions	Na ⁺	ppm	84	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	2.0	
	Ca ⁺⁺	ppm	16	
	Mg ⁺⁺	ppm	6.6	
	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 [®] 770	DR770.0404.10	4x4" (10x10cm)	1200	10	Stacked
Durx [®] 770	DR770.0404.40	4x4" (10x10cm)	300	40	Stacked
Durx [®] 770	DR770.0707.45	7x7" (18x18cm)	300	45	Stacked
Durx [®] 770	DR770.0909.20	9x9" (23x23cm)	300	20	Stacked
Durx [®] 770	DR770.1212.20	12x12" (30x30cm)	150	20	Stacked
Durx [®] 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

Other Berkshire products

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



[Wipers](#)



[Mop Systems](#)



[Face Masks](#)



[Glove Liners](#)



[Documentation Systems](#)



[Swabs](#)