

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 fibre 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 fibre treatment

Benefits

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

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[®] 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	68.8	TAPPI T-410
Caliper		µm	232	TAPPI T-411
Fibres	≥100µm	fibres/cm ²	12	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified
Particles	≥0.5µm	x10 ³ /cm ²	1.5	IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified
Sorbency	Capacity	mL/m ²	257	IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified
	Efficiency	mL/g	3.9	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.11	IEST-RP-CC004.4 Sec 8.1.2
	IPA	g/m ²	0.050	
Ions	Na ⁺	ppm	100	IEST-RP-CC004.4 Sec 8.2.2
	K ⁺	ppm	5.5	
	Ca ⁺⁺	ppm	45	
	Mg ⁺⁺	ppm	10	
	Cl ⁻	ppm	46	

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 utilised 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	DR770040410	4x4" (10x10cm)	1200	10	Stacked
Durx [®] 770	DR770070712	7x7" (18x18cm)	300	12	Stacked
Durx [®] 770	DR770090920	9x9" (23x23cm)	300	20	Stacked
Durx [®] 770	DR770121220	12x12" (30x30cm)	150	20	Stacked
Durx [®] 770	DR770181810	18x18" (45x45cm)	150	10	Stacked

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs