

Durx® 570 Light Weight Nonwoven Polycellulose Blend

55% Cellulose / 45% Polyester Nonwoven Wiper

Durx® 570 is a light weight 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® 570 with the level of absorbency, 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
- Light weight, absorbent wipe

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

Product Information

ISO Class 5 – 8

Cleanroom Class 100 – 100,000

EU Grade B/C/D

USP <797>

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.



Technical Data:

Attribute		Units	Value	Test Method
Basis Weight		g/m ²	54.6	TAPPI T-410
Caliper		µm	245	TAPPI T-411
Fibers	≥100µm	fibers/cm ²	210	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2
Particles	≥0.5µm	x10 ³ /cm ²	11	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1
Sorbency	Capacity	mL/m ²	296	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified
	Efficiency	mL/g	5.4	
	Rate	seconds	2	
Non-Volatile Residue	DI Water	g/m ²	0.022	IEST-RP.CC004.3, Sec 7.1.2
	IPA	g/m ²	0.0036	
Ions	Na ⁺	ppm	110	IEST-RP.CC004.3, Sec 7.2.2
	K ⁺	ppm	7.6	
	Ca ⁺⁺	ppm	8.7	
	Mg ⁺⁺	ppm	2.3	
	Cl ⁻	ppm	57	

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

Product Numbers

DR570.0404.40	4" X 4" (Light weight)	1,200 pcs/bg, 10 bgs/cs
DR570.0909.20	9" X 9" (Standard weight)	300 pcs/bg, 20 bgs/cs
DR570.1212.10	4" X 4" (Standard weight)	150 pcs/bg, 10 bgs/cs
DR570.1212.20	9" X 9" (Standard weight)	150 pcs/bg, 20 bgs/cs

