

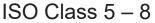
### USP 797 & 800 Compliance Specialists

Everything you need to achieve and maintain a compliant cleanroom environment

# Durx<sup>®</sup> 670

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

#### Product Information



Cleanroom Class 100 – 100,000@ EU Grade B/C/D USP <797>

Durx<sup>®</sup> 670 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> 670 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

#### 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
- EC Regulation 1935 (2004) Food contact compliant
- FDA 21 CFR Food contact compliant

#### **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 <sup>2</sup>	68.0	TAPPI T-410	
Caliper		μm	264	TAPPI T-411	
Fibers	≥100µm	fibers/cm <sup>2</sup>	160	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2	
Particles	≥0.5µm	x10 <sup>3</sup> /cm <sup>2</sup>	10	IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1	
Sorbency	Capacity	mL/m²	320	IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified	
	Efficiency	mL/g	4.7		
	Rate	seconds	2		
Non-Volatile Residue	DI Water	g/m <sup>2</sup>	0.028	IEST-RP.CC004.3, Sec 7.1.2	
	IPA	g/m <sup>2</sup>	0.0038		
lons	Na⁺	ppm	62	IEST-RP.CC004.3, Sec 7.2.2	
	K⁺	ppm	5.9		
	Ca <sup>++</sup>	ppm	22		
	Mg <sup>++</sup>	ppm	5.0		
	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 <sup>®</sup> 670	DR670.0909.20	9x9" (23x23cm)	300	20	Stacked



