



Specification Sheet

Description : Sontara Wipes
Model : MP-100
Part No. : 5327-0012

Features

Sontara® MicroPlus 100 is specially engineered for class 100 cleanroom environments. It manages every step from fabric manufacturing through to packaging to reduce product contamination.

Characteristics

Strong, solvent resistance blend of cellulose and polyester.

Formed with clean water jets that wash the fibres.

Unique aperture pattern.

No binders or chemical additives.

Application

Maintenance of cleanroom class 100 or lower, where cleanliness is mandatory.

Picking up liquid spills in the cleanroom.

Polishing and cleaning of relays, contacts and switches.

Cleaning lab apparatus.

Dimension

4" x 4" (102 mm x 102 mm)	600 Wipes
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6" x 6" (152 mm x 152 mm)	600 Wipes
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9" x 9" (229 mm x 229 mm)	300 Wipes
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12" x 12" (305 mm x 305 mm)	150 Wipes
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Properties		Value	Unit	Test Method
Composition	Woodpulp	46	%	DuPont
	Polyester	54	%	
Basis Weight		56	g/m ²	ASTM D1117 SEC 17
Grab tensile breaking strength	MD	107	N	ASTM D1117 SEC7
	XD	52	N	
Absorptive capacity	Intrinsic, Ai	5.91	mL/g	ASTM D6651 -001
	Extrinsic, Re	3.36	mL/g	
Absorptive rate	Intrinsic, Ri	26.0	mL/g/s	
	Extrinsic, Re	1484	mL/m ² /s	
Particles count (³ 0.5 mm)	Po	6.1	Million Part./m ²	IEST-RP-CC004.2
	BAS	66.4	Million Part./m ²	
	Gelbo	1.6	1000 Part./ft ³	INDA IST 160.3
Extractable	Deionized water	0.05	%	IEST-RP-CC004.2
	IPA	0.05	%	
Ions	Na+	12.0	ppm	IEST-RP-CC004.2
	Fe++	0.0	ppm	
	Mg+++	20.6	ppm	
	K+	7.3	ppm	
	Ca++	219	ppm	