

Thomas Scientific M1 Polyester Cellulose Wipers

Suitable for use in ISO 5 and higher cleanrooms, this general-purpose wiper is highly absorbent and low linting.

Product	Model	Class	Edge Finish	Wiper Size	Packaging
21A00P811	M1-C3044	ISO 5	Standard	4" x 4" (10.1cm x 10.1cm)	1200 ea/bag; 10 bags/case Flat-stacked
21A00P812	M1-C3066	ISO 5	Standard	6" x 6" (15.2cm x 15.2cm)	300/bag; 10 bags/cs
21A00P813	M1-C3099	ISO 5	Standard	9" x 9" (23cm x 23cm)	300 ea/bag; 10 bags/case Flat-stacked
21A00P814	M1-C301212	ISO 5	Standard	12" x 12" (30.5cm x 30.5cm)	150 ea/bag; 3 bags/case Flat-stacked
21A00P815	M1-C301818	ISO 5	Standard	18" x 18" (45.7cm x 45.7cm)	75 ea/bag; 3 bags/case Flat-stacked
21A00P816	M1-C301224	ISO 5	Standard	24" x 24" (45.7cm x 45.7cm)	150/bag; 10 bags/cs

Physical Properties

Basis Weight	68 g/m ²
Thickness	0.28mm (+/- 2mm)
Material	100% Polyester/Cellulose
Absorbency	Extrinsic Capacity: 359 ml/m ² Intrinsic Capacity: 5.2 ml/g Rate: 0.30 sec

Purity Specifications

Particles & Fibers	USL*
Particles >0.50um	< 80.0
Particles >5.0um	< 0.26
Fibers >100um	< 300

* x 10⁶ particles/m²

*Particles: IEST-RP-CC004.3 Section 6.1.4

Fibers: IEST-RP-CC004.3 Section 6.2.2 (Orbital Shake Test)

Nonvolatile Residue

Extractant	USL
IPA	<0.006 g/m ²
DI Water	<0.070 g/m ²

* IEST-RP-CC004.3 Section 7.1.2

Extractables

Ion	USL
Sodium (Na ⁺)	<50 ppm
Potassium(K ⁺)	<30 ppm
Calcium (Ca ²⁺)	<30 ppm
Chloride (Cl ⁻)	<30 ppm
Magnesium (Mg ²⁺)	<30 ppm

* IEST-RP-CC004.3 Section 7.1.2 (Short Term Extraction)

