

AlphaWipe Mop Covers

TX1024 TX1024W TX1031 TX1131

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	163 g/m ²	1, TM20
Absorbency		
Sorptive capacity	472 mL/m ²	1, TM20
Sorptive rate	0.5 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
Particles and fibers		
Particles 0.5-5.0 µm	10 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 µm	144,000 particles/m ²	1, 2, TM22
Fibers: >100 µm	5,700 fibers/m ²	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.07 g/m ²	1, TM1
DIW extractant	0.03 g/m ²	1, TM1
Ions		
Sodium	0.22 ppm	1, TM18
Potassium	0.09 ppm	1, TM18
Chloride	0.08 ppm	1, TM18

Note: The data in this table represent typical analyses of these wipers at the time of publication. These are not specifications.
ITW Texwipe continually refines both its processes and its products.

*Test Methods

- 1 – "Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments," IEST-RP-CC 004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL 2004; www.iest.org.
 - 2 – "Standard Method for Size-Differentiated Counting of Particles and Fibers Released from Clean Room Wipers Using Optical and Scanning Electron Microscopy," E2090-00, ASTM International, West Conshohocken, PA, 2000; www.astm.org.
- TM – Refers to ITW Texwipe Test Method — available upon request; contact ITW Texwipe Customer Service at www.texwipe.com for a copy.

AlphaWipe® Mop Covers

Highly absorbent polyester mop heads for critical environments

Description

AlphaWipe® Mop Covers are constructed from 100% continuous-filament polyester in a double-knit, no-run interlock pattern. Cleanroom laundered and packaged, AlphaWipe Mop Covers are ultraclean and highly sorbent mop heads ideal for critical environments. AlphaWipe Mop Covers have cut edges. They are used with Doodleduster™ mops by 3M™ to mop floors, and can also be used as a work surface cover.

Features

- 100% synthetic fiber (continuous-filament, double-knit polyester)
- Cleanroom laundered and packaged

Benefits

- Prevents cleanroom contamination with ultralow levels of particles and extractables
- Resists abrasion under rigorous use or when wiping rough surfaces
- Lot-to-lot traceability

Applications

- Superior for mopping with Doodleduster in ISO Class 3–4 environments such as integrated circuit fabrication facilities
- Excellent performance as a mop cover: abrasion resistance and high sorbency
- Ideal for mopping in areas sensitive to particles
- Bench/tool covers

Products

TX Number	Description	Packaging
TX1024	AlphaWipe® Mop Covers 24" x 44" nominal (60 cm x 111 cm)	75 mop covers/bag, double-bagged; 225 mop covers/case
TX1024W	AlphaWipe® Mop Covers 30" x 40" nominal (76 cm x 102 cm)	6 mop covers/bag, 10 bags/case; 60 mop covers/case
TX1031	AlphaWipe® Mop Covers 9" x 32" nominal (23 cm x 81 cm)	20 mop covers/bag, 10 bags/case; 200 mop covers/case
TX1131	AlphaWipe® Mop Covers 9" x 44" nominal (23 cm x 111 cm)	20 mop covers/bag, 10 bags/case; 200 mop covers/case



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