

AlphaWipe® Dry Wipers

The first name in polyester wipers.



Description

AlphaWipe® is constructed from 100% continuous-filament polyester in a double-knit, no-run interlock pattern. Cleanroom laundered and packaged, AlphaWipe® is an ultraclean and highly sorbent wiper ideal for critical environments. AlphaWipe® has a laundered cut edge. It exhibits low particle and fiber levels.

AlphaWipe® is also available in pre-wetted wipers with 70% IPA.

Features

- 100% polyester fiber — continuous-filament, double-knit
- Cleanroom laundered and packaged
- Solvent-safe packaging
- Lot-to-lot traceability

Benefits

- Ultra low levels of particles and extractables
 - Continuous-filament fiber prevents shedding
 - Prevents cleanroom contamination
- Resists abrasion with rigorous use or rough surfaces
- Available in a variety of sizes to suit most applications, including large surface areas and mops
- Excellent chemical resistance

Applications

- General wiping
- Spill control
- Cleaning and polishing stainless steel
- Large surface areas (TX1025)
- Protective covering for parts and product
- ISO Class 4-5
- ISO Class 6-9

Products

Number	Dry Wipers	Packaging
TX1003	AlphaWipe® 11" x 12" nominal (28 cm x 31 cm) polyester wipers	250 wipers/bag, 2 inner bags of 125 random-packed wipers; 6 bags/case
TX1004	AlphaWipe® 4" x 4" nominal (10 cm x 10 cm) polyester wipers	300 wipers/bag, 2 inner bags of 150 wipers; 20 bags/case
TX1009	AlphaWipe® 9" x 9" nominal (23 cm x 23 cm) polyester wipers	150 wipers/bag, 2 inner bags of 75 wipers; 10 bags/case
TX1009B	AlphaWipe® 9" x 9" nominal (23 cm x 23 cm) polyester wipers	150 wipers/bag, 2 inner bags of 75 wipers; 10 bags/case
TX1013	AlphaWipe® 12" x 12" nominal (31 cm x 31 cm) polyester wipers	75 wipers/bag, double bagged; 10 bags/case
TX1025*	AlphaWipe® 24" x 44" nominal (60 cm x 112 cm) polyester wipers	25 wipers/bag; 3 bags/case

*TX1025 can also be used as a mop cover and for large surface areas.



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AlphaWipe® Dry Wipers

TX1003, TX1004, TX1009, TX1009B, TX1013, TX1025

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	158 g/m ²	1, TM20
Absorbency		
Sorptive capacity	530 mL/m ²	1, TM20
Sorptive rate	0.5 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	8.4 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5–5.0 µm	10 x 10 ⁶ particles/m ²	1,2, TM22
5.0–100 µm	200,000 particles/m ²	1,2, TM22
Fibers >100 µm	2,000 fibers/m ²	1,2, TM22
Nonvolatile residue		
IPA extractant	0.04 g/m ²	1, TM1
DIW extractant	0.02 g/m ²	1, TM1
Ions		
Sodium	0.22 ppm	1, TM18
Potassium	0.06 ppm	1, TM18
Chloride	0.05 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

- “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.
 - “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.

Texwipe Regulatory Certificates

Texwipe is the only wiper company to be registered:

- ISO 9001:2008
- ISO 13485:2003
- ISO 14001:2004
- OHSAS 18001:2007