

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

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



**North America**  
1210 South Park Drive  
Kernersville, NC 27284  
Tel 336.996.7046  
Fax 336.996.2297  
[www.texwipe.com](http://www.texwipe.com)  
[info@texwipe.com](mailto:info@texwipe.com)

**Europe/Middle East**  
Saffierlaan 5  
2132 VZ Hoofddorp  
The Netherlands  
Tel +31 88 1307 400  
Fax +31 88 1307 499

**Asia/Pacific**  
ITW Singapore (Pte) Ltd.  
500 Chai Chee Lane  
Singapore 469024  
Tel +65 6468 9433  
Fax +65 6468 6772

# AlphaWipe® Dry Wipers

TX1003, TX1004, TX1009, TX1009B, TX1013, TX1025

## Performance Characteristics

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

## Contamination Characteristics

| Property             | Typical Value                                  | Test Method* |
|----------------------|--|--------------|
| LPC                  |  |              |
| ≥ 0.5 µm             | 8.4 x 10 <sup>6</sup> particles/m <sup>2</sup> | 1, TM22      |
| Particles and fibers |  |              |
| Particles 0.5–5.0 µm | 10 x 10 <sup>6</sup> particles/m <sup>2</sup>  | 1,2, TM22    |
| 5.0–100 µm           | 200,000 particles/m <sup>2</sup>               | 1,2, TM22    |
| Fibers >100 µm       | 2,000 fibers/m <sup>2</sup>                    | 1,2, TM22    |
| Nonvolatile residue  |  |              |
| IPA extractant       | 0.04 g/m <sup>2</sup>                          | 1, TM1       |
| DIW extractant       | 0.02 g/m <sup>2</sup>                          | 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

- 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](http://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](http://www.astm.org).
- TM – Refers to ITW Texwipe Test Method — available upon request, contact ITW Texwipe Customer Service at [www.texwipe.com](http://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