



## Tuch AlphaLite

pure<sup>11</sup>-Nr.: 06004, Hersteller: ITW Texwipe

### Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1106004
- Material: Polyester
- Gewicht: 121 g/m<sup>2</sup>
- Gestrick aus 100% Polyester
- Kalt geschnittene Kanten
- Vorgewaschen
- Leichte Version
- Lieferform: geschüttet (bulk)

### Empfohlene Reinraumklassen

ISO

3  4  5  6  7  8  9

GMP

C  D

### Produktvarianten

pure<sup>11</sup>-Nr.: **060042323**

Farbe: Weiß / Maße: 23 x 23 cm (9 x 9") / Herst.-Nr.: TX1008B / VE: 150 Stück

Quelle: <https://www.pure11.de/tuch-alpha-lite-0>

# AlphaLite® Wipers

Highest quality and economy in a lightweight synthetic cleanroom wiper



## Description

AlphaLite® is a lightweight knitted wiper constructed of 100% continuous-filament polyester. Unlike most lightweight polyester wipers, AlphaLite® is cleanroom laundered to provide an ultraclean, adsorbent wiper that's ideal for critical cleanroom applications. AlphaLite® offers the lowest contamination levels at an economical price.

## Features

- 100% synthetic fiber (continuous-filament, knitted polyester)
- Available as stacked or bulk packaged
- Laundered and packaged at ITW Texwipe's Cleanroom Products Manufacturing Center
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Economical packaging options
- Statistical quality control

## Benefits

- Ultralow particulate and extractable levels
- Permits rigorous wiping with minimal release of fibers and particles
- Protects cleanroom with minimal fiber and particle release
- Economical
- Lot-to-lot traceability

## Applications

- Superior for spill control and general wiping in ISO Class 5–6 environments
- For use in cleanroom environments that demand further reduction of particulate contamination
- Cleaning and burnishing magnetic media surfaces
- Cleaning and wiping sensitive surfaces

## Products

TX Number	Description	Packaging
<b>TX1008</b>	AlphaLite® 9" x 9" nominal (23 cm x 23 cm) lightweight, knitted polyester wipers	150 wipers/bag, 2 inner bags of 75 wipers; 10 bags/case
<b>TX1008B</b>	AlphaLite® 9" x 9" nominal (23 cm x 23 cm) lightweight, knitted polyester wipers	150 wipers/bulk packed, 2 inner bags of 75 wipers; 10 bags/case



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# AlphaLite® Wipers

TX1008 TX1008B

## Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	121 g/m <sup>2</sup>	1, TM20
Absorbency		
Sorptive capacity	350 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	14 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	5 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM22
5.0-100 µm	152,000 particles/m <sup>2</sup>	1, 2, TM22
Fibers: >100 µm	1,400 fibers/m <sup>2</sup>	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.05 g/m <sup>2</sup>	1, TM1
DIW extractant	0.01 g/m <sup>2</sup>	1, TM1
Ions		
Sodium	0.20 ppm	1, TM18
Potassium	0.10 ppm	1, TM18
Chloride	0.10 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.

*ITW Texwipe is the only wiper company to be ISO 9001:2000, 13485:2003, 14001:2004 and OHSAS 18001:1999 registered.*