



Cleanroom Wipers AlphaWipe®



www.texwipe.com

T E C H N I C A L D A T A S H E E T

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
LPC: $\geq 0.5 \mu\text{m}$	8.4×10^6 particles/m ²	1, TM22
Fibers: $> 100 \mu\text{m}$	2,000 fibers/m ²	2, TM22
Nonvolatile Residue		
IPA extractant	0.06 g/m ²	1, TM1
DIW extractant	0.01 g/m ²	1, TM1
Ions		
Sodium	0.15 ppm	1, TM18
Potassium	0.03 ppm	1, TM18
Chloride	0.10 ppm	1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency		
Sorptive capacity	530 mL/m ²	1, TM20
Sorptive rate	<0.3 seconds	1, TM20
Basis Weight	158 g/m ²	1, TM20

*Test Methods

- 1 – “Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments,” IEST-RP-CC004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL, 2004; www.iest.org.
- 2 – E2090-12, “Standard Test Method for Size-Differentiated Counting of Particles and Fibers Released from Cleanroom Wipers Using Optical and Scanning Electron Microscopy,” ASTM International, West Conshohocken, PA, 2012; www.astm.org.

TM – Refers to Texwipe Test Method – available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

Note: The data in this table represent typical analyses.

For non-sterile products:

- TX1034, TX1036, TX1039 – filled using USP grade IPA.
- TX7031 – filled using Semiconductor grade IPA.

For sterile products:

AlphaWipe®

Wetted | Sterile



AlphaWipe®
100% Polyester



Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – AlphaWipe®				
SXT1004	4" x 4" (10 cm x 10 cm) dry, sterile	●	50 wipers/bag	50 bags
TX1004*	4" x 4" (10 cm x 10 cm) dry		300 wipers/bag (2 bags of 150 wipers)	20 bags
TX1009*	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 bags of 75 wipers)	10 bags
TX1009B*	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 bags of 75 wipers)	10 bags
TX3211	9" x 9" (23 cm x 23 cm) dry, SterileWipe® LP	●	100 wipers/bag (10 bags of 10 wipers)	5 bags
TX1031*	9" x 32" (23 cm x 81 cm) dry		20 wipers/bag	10 bags
TX1013*	12" x 12" (31 cm x 31 cm) dry		75 wipers/bag double bagged	10 bags
TX1025	24" x 44" (61 cm x 112 cm) dry		25 wipers/bag	3 bags

Pre-Wetted Wipers – AlphaSat®

Description

AlphaWipe® is made from 100% polyester, a cut edge, cleanroom laundered and available dry (AlphaWipe®), pre-wetted (AlphaWipe®), or pre-wetted with a cleaning solution (AlphaWipe®).

Applications

- Wiping and cleaning surfaces
- Spill control.
- Applying and removing lubricants and other solutions including oils, greases, and degreasers.
- Cleaning with solvents such as acetone, and degreasers.
- Cleaning gloves, notebooks, and other items entering the cleanroom.
- Lining trays for holding, parts, equipment and devices.
- Appropriate for use with temperatures up to (205°C).

Industries

Aerospace	Anirradiation
Cleanroom Design/Build	Cosmetics
Facilities Maintenance	Food Processing
Medical Device	Microelectronics
Printing/Graphics	Semiconductors