

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers LPC: ≥ 0.5 µm Fibers: >100 µm	1.3 x 10 ⁶ particles/m ² 23,000 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant Ethanol extractant	0.01 g/m ² 0.005 g/m ² 0.01 g/m ²	1, TM1 1, TM1 1, TM1
Ions Sodium Potassium Chloride	7 ppm 2 ppm 5 ppm	1, TM18 1, TM18 1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency Sorptive capacity Sorptive rate	210 mL/m ² 1.4 seconds	1, TM20 1, TM20
Basis Weight	42 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.

Texwipe holds ISO 9001 and ISO 14001 registrations.

All Texwipe products conform to GHS classification for labeling (where applicable).

Shipping classification based on weight of inner package.

Absorbond®

Dry Wipers | Swabs

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Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – Absorbond®</i>				
TX404	4" x 4" (10 cm x 10 cm) dry		1,200 wipers/bag (4 packs of 300)	10 bags
TX409	9" x 9" (23 cm x 23 cm) dry		300 wipers/bag (2 inner bags of 150)	10 bags

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Description

Absorbond® is made from 100% polyester nonwoven material with a cut edge, cleanroom manufactured.

Available dry (Absorbond®).

Applications

- Wiping and cleaning optical devices such as lenses or other scratch sensitive surfaces.
- Applying and removing lubricants, adhesives, residues and other solutions including disinfectants.
- Cleaning with solvents such as isopropyl alcohol (IPA), acetone, and degreasers.
- Appropriate for use with temperatures less than 400°F (205°C).

Industries

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Industrial	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>

Features & Benefits

- Constructed from 100% polyester nonwoven creating a soft, non-abrasive wiper ideal for use on scratch sensitive surfaces.
- Manufactured to provide low levels of ions and NVRs (non-volatile residues) creating a wiper suitable for critical environments.
- Excellent chemical resistance for compatibility with a variety of solutions.
- Absorbond® wipers provide high absorbency with isopropyl (IPA) solutions.
- Autoclave safe.
- Individually lot coded for ease of traceability and quality control.

Cleanroom Environment

- ISO Class 5 – 8
- Class 100 – 100,000
- EU Grade A – D

Shelf Life

- Non-Sterile (Dry) – 5 years from date of manufacture