

TECHNICAL DATA SHEET

**Performance Characteristics**

Property	Typical Value	Test Method*
<b>Particles and Fibers</b> LPC: ≥0.5 µm Fibers: >100 µm	8.2 x 10 <sup>6</sup> particles/m <sup>2</sup> 500 fibers/m <sup>2</sup>	1, TM22 2, TM22
<b>Nonvolatile Residue</b> IPA extractant DIW extractant	0.02 g/m <sup>2</sup> 0.01 g/m <sup>2</sup>	1, TM1 1, TM1
<b>Ions</b> Sodium Potassium Chloride	0.05 ppm 0.07 ppm 0.02 ppm	1, TM18 1, TM18 1, TM18

**Physical Characteristics**

Property	Typical Value	Test Method*
<b>Absorbency</b> Sorptive capacity Sorptive rate	680 mL/m <sup>2</sup> <1 second	1, TM20 1, TM20
<b>Basis Weight</b>	214 g/m <sup>2</sup>	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](http://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](http://www.astm.org).
- TM – Refers to Texwipe Test Method – available upon request. Contact Texwipe Customer Service at [www.texwipe.com](http://www.texwipe.com) or [info@texwipe.com](mailto:info@texwipe.com) for a copy.

Note: The data in this table represent typical analyses.

**For sterile products:**

- Gamma irradiated to a Sterility Assurance Level of 10<sup>-6</sup> according to AAMI Guidelines.
- Certificates of Compliance, Analysis and Irradiation attached to each case.
- Sterile Validation Documentation available upon request.
- TX3252 – filled with USP grade IPA

*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.*

# AlphaSorb® HC

Dry | Pre-Wetted | Sterile





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### Products

Number	Description	Sterile	Packaging	Case
<b>Dry Wipers – AlphaSorb® HC</b>				
<b>TX2409</b>	9" x 9" (23 cm x 23 cm) dry		100 wipers/bag (2 inner bags of 50)	10 bags
<b>TX2412</b>	12" x 12" (31 cm x 31 cm) dry		100 wipers/bag (2 inner bags of 50)	6 bags
<b>TX2418</b>	18" x 18" (45 cm x 45 cm) dry		100 wipers/bag (2 inner bags of 50)	3 bags
<b>Pre-Wetted Wipers – AlphaSat® with AlphaSorb® HC</b>				
<b>TX3252</b>	12" x 12" (31 cm x 31 cm) pre-wetted with 70% IPA, sterile	●	25 wipers/flatpack	5 flatpacks

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### Description

AlphaSorb® HC is made from 100% two-ply polyester with a cut edge, cleanroom laundered.

Available dry (AlphaSorb®HC) and sterile pre-wetted (AlphaSat® with AlphaSorb®HC).

### Applications

- Wiping and cleaning surfaces, equipment and parts.
- Applying and removing lubricants, adhesives, residues and other solutions including disinfectants.
- Cleaning with solvents such as isopropyl alcohol (IPA), ethanol, acetone, and degreasers.
- Lining trays for holding, protecting, drying and storing of parts, equipment and devices.
- 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 a double layer of polyester material creating a high absorbency wiper ideal for spill control, cleaning, and solution application.
- Cleanroom laundered providing low levels of ions and NVRs (non-volatile residues) particles.
- Designed for use on abrasive surfaces. This wiper will not easily snag or abrade releasing particles and fibers into the process or environment.
- Excellent chemical resistance for compatibility with a variety of solutions.
- AlphaSat® with AlphaSorb®HC is pre-wet with 70% IPA / 30% DIW for ease of use.
- Autoclave safe (dry wipers only).
- Individually lot coded for ease of traceability and quality control.

### Cleanroom Environment

- ISO Class 4 – 8
- Class 10 – 100,000
- EU Grade A – D

### Shelf Life

- Non-Sterile (Dry) – 5 years from date of manufacture
- Sterile (Pre-Wetted) – 3 years from the date of manufacture

Custom products available upon request.