

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: ≥0.5 μm Fibers: >100 μm	8.2 x 10 ⁶ particles/m ² 500 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant	0.02 g/m ² 0.01 g/m ²	1, TM1 1, TM1
Ions 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*
Absorbency Sorptive capacity Sorptive rate	680 mL/m ² <1 second	1, TM20 1, TM20
Basis Weight	214 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 sterile products:

- Gamma irradiated to a Sterility Assurance Level of 10⁻⁶ 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



TECHNICAL DATA SHEET



Products

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

TECHNICAL DATA SHEET

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.