

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value		Test Method*
	TexWipe®	NuCotton®	
Particles and Fibers LPC: ≥0.5 µm Fibers: >100 µm	75 x 10 ⁶ particles/m ² 90,000 fibers/m ²	90 x 10 ⁶ particles/m ² 105,000 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant	0.35 g/m ² 0.16 g/m ²	0.38 g/m ² 0.21 g/m ²	1, TM1 1, TM1
Ions Sodium Potassium Chloride	35 ppm 1 ppm 2.5 ppm	43 ppm 1.4 ppm 3.7 ppm	1, TM18 1, TM18 1, TM18

Physical Characteristics

Property	Typical Value		Test Method*
	TexWipe®	NuCotton®	
Absorbency Sorptive capacity Sorptive rate	260 mL/m ² 5 seconds	240 mL/m ² 1 second	1, TM20 1, TM20
Basis Weight	184 g/m ²	155 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.*

TexWipe®
Dry Wipers

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Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – TexWipe®</i>				
TX304	4" x 4" (10 cm x 10 cm) dry		1,200 wipers/bag (4 inner bags of 300)	6 bags
TX306	6" x 6" (15 cm x 15 cm) dry		600 wipers/bag (2 inner bags of 300)	6 bags
TX309	9" x 9" (23 cm x 23 cm) dry		300 wipers/bag (2 inner bags of 150)	6 bags
TX312	12" x 12" (31 cm x 31 cm) dry		150 wipers/bag	6 bags
<i>Dry Wipers – NuCotton®</i>				
TX329	9" x 9" (23 cm x 23 cm) dry		300 wipers/bag	6 bags

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Description

TexWipe® and NuCotton® are made from 100% cotton material with a cut edge, cleanroom manufactured.

Applications

- Cleaning, polishing and burnishing of surfaces and equipment.
- 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.
- Handling hot items and protecting surfaces from elevated <700°F (<371°C) temperatures.

Features & Benefits

- Constructed from long staple 100% cotton yarn to reduce free floating fibers on the surface while still providing excellent wiping and cleaning.
- Made from sustainable and renewable materials grown and processed in the United States.
- 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.
- Autoclave safe.
- Bias-cut to minimize edge shedding and fraying.
- Individually lot coded for ease of traceability and quality control.

Cleanroom Environment

- ISO Class 6 – 8
- Class 1,000 – 100,000
- EU Grade B – D

Shelf Life

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

Industries

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

Custom products available upon request.