

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

TEX-LIT-TDS-010 Rev.00-02/17

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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.