

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	14.5 x 10 ⁶ particles/m ² 2,600 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant	0.09 g/m ² 0.35 g/m ²	1, TM1 1, TM1
Ions Sodium Potassium Chloride	1.4 ppm 0.62 ppm 2.6 ppm	1, TM18 1, TM18 1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency Sorpive capacity Sorpive rate	420 mL/m ² <1 second	1, TM20 1, TM20
Basis Weight	170 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.

MiracleWipe®

Dry Wipers

TEX-LIT-TDS-012 Rev.00-02/17

TECHNICAL DATA SHEET



MiracleWipe®
100% nylon



Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – MiracleWipe®</i>				
TX4004	4" x 4" (10 cm x 10 cm) dry		600 wipers/bag (4 bags of 150 wipers)	8 bags
TX4009	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (3 bags of 50 wipers)	8 bags
TX4012	10" x 12" (25 cm x 31 cm) dry		200 wipers/bag (4 bags of 50 wipers)	4 bags

TECHNICAL DATA SHEET

Description

MiracleWipe® is made from 100% nylon material with a cut edge, cleanroom laundered.

Available dry (MiracleWipe®).

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), acetone, and degreasers.
- Lining trays for holding, protecting, drying and storing of parts, equipment and devices.
- Appropriate for use with temperatures less than 450°F (232°C).

Features & Benefits

- Constructed from 100% nylon creating a high absorbency wiper ideal for spill control, cleaning, and solution application.
- Cleanroom laundered and packaged providing low levels of ions and NVRs (non volatile residues).
- Unique texture that provides scrubbing surface for cleaning.
- Good chemical resistance for compatibility with a variety of solutions.
- Autoclave safe.
- 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

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.