


# Tuch MiracleWipe #TX4004

pure[11]-Nr.: 1106070, Marke: TexWipe

## Eigenschaften

- Marke: TexWipe
- Flächengewicht in g/m²: 180 g/m²
- Struktur: Gestrick
- Material: Nylon
- Lieferform in Verpackung: gelegt
- Verpackungsform: Beutel
- Anzahl in kleinster Unterverpackung: 50
- Kantenverarbeitung: Kalt geschnitten
- Gebrauch: Einweg
- Nylon: 100 %
- Vorgewaschen
- Flächengewicht in g/m²: 180 g/m²

## Empfohlene Reinraumklassen

**ISO** 4 | 5 | 6 | 7 | 8 | 9

**GMP** C | D

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we care

## Material

- Nylon

## Verpackung

- 600STK

## Produktvarianten

**pure¹¹-Nr.: 11060701010WH, Tuch MiracleWipe #TX4004**

Größe: 10 x 10 cm (4 x 4"); Farbe: Weiß / VE: 600STK

**pure¹¹-Nr.: 11060702323WH, Tuch MiracleWipe #TX4009**

Größe: 23 x 23 cm (9 x 9"); Farbe: Weiß / VE: 150STK

**pure¹¹-Nr.: 11060702531WH, SPERRE - Tuch MiracleWipe #TX4012**

Größe: 25 x 31 cm (10 x 12"); Farbe: Weiß / VE: 800STK

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# Cleanroom Wipers
## MiracleWipe®

TECHNICAL DATA SHEET

### Performance Characteristics

| Property | Typical Value | Test Method* |
|---|---|---|
| **Particles and Fibers** | | |
| LPC: ≥0.5 µm | 14.5 x $10^6$ particles/$m^2$ | 1, TM22 |
| Fibers: >100 µm | 2,600 fibers/$m^2$ | 2, TM22 |
| **Nonvolatile Residue** | | |
| IPA extractant | 0.09 g/$m^2$ | 1, TM1 |
| DIW extractant | 0.35 g/$m^2$ | 1, TM1 |
| **Ions** | | |
| Sodium | 1.4 ppm | 1, TM18 |
| Potassium | 0.62 ppm | 1, TM18 |
| Chloride | 2.6 ppm | 1, TM18 |

### Physical Characteristics

| Property | Typical Value | Test Method* |
|---|---|---|
| **Absorbency** | | |
| Sorptive capacity | 420 mL/$m^2$ | 1, TM20 |
| Sorptive rate | <1 second | 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.*

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50 YEARS OF CLEAN

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

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MiracleWipe®
Dry Wipers



# Texwipe®
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# Cleanroom Wipers
## MiracleWipe®

TECHNICAL DATA SHEET




MiracleWipe®
100% nylon

Made in USA

## Products

| Number | Description | Sterile | Packaging | Case |
|---|---|---|---|---|
| *Dry Wipers – MiracleWipe®* | | | | |
| **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 |



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Cleanroom Wipers
MiracleWipe®

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).

## Industries

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

## 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

*Custom products available upon request.*

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