


# Tuch BetaWipe #TX2009

pure¹¹-Nr.: 1106072, Marke: TexWipe

## Eigenschaften

- Marke: TexWipe
- Flächengewicht in g/m²: 112 g/m²
- Material: Polypropylen/Zellulose
- Lieferform in Verpackung: gelegt
- Verpackungsform: Beutel
- Anzahl in kleinster Unterverpackung: 50
- Autoklavierbar
- Gebrauch: Einweg
- Flächengewicht in g/m²: 112 g/m²

## Empfohlene Reinraumklassen

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

**GMP** C | D

we care

**pure¹¹ GmbH** |
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## Material

- Polypropylen/Zellulose

## Verpackung

- 100STK

## Produktvarianten

**pure[11]-Nr.: 1106072, Tuch BetaWipe #TX2009**

Größe: 23 x 23 cm (9 x 9"); Farbe: Weiß / VE: 100STK

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Texwipe®
An ITW Company

# Cleanroom Wipers
## BetaWipe®

TECHNICAL DATA SHEET

## Performance Characteristics

| Property | Typical Value | Test Method* |
|---|---|---|
| **Particles and Fibers** | | |
| LPC: ≥0.5 µm | 40 x $10^6$ particles/$m^2$ | 1, TM22 |
| Fibers: >100 µm | 90,000 fibers/$m^2$ | 2, TM22 |
| **Nonvolatile Residue** | | |
| IPA extractant | 0.20 g/$m^2$ | 1, TM1 |
| DIW extractant | 0.06 g/$m^2$ | 1, TM1 |
| **Ions** | | |
| Sodium | 50 ppm | 1, TM18 |
| Potassium | 3.8 ppm | 1, TM18 |
| Chloride | 11 ppm | 1, TM18 |

## Physical Characteristics

| Property | Typical Value | Test Method* |
|---|---|---|
| **Absorbency** | | |
| Sorptive capacity | 560 mL/$m^2$ | 1, TM20 |
| Sorptive rate | 1 second | 1, TM20 |
| **Basis Weight** | 112 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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www.texwipe.com

BetaWipe®
Dry Wipers



# Texwipe®
An ITW Company

# Cleanroom Wipers
## BetaWipe®

TECHNICAL DATA SHEET




BetaWipe®
composite polypropylene

Made in USA

## Products

| Number | Description | Sterile | Packaging | Case |
|---|---|---|---|---|
| *Dry Wipers* | | | | |
| **TX2009** | 9" x 9" (23 cm x 23 cm) dry | | 100 wipers/bag (2 inner bags of 50) | 10 bags |



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Cleanroom Wipers
BetaWipe®

TECHNICAL DATA SHEET

## Description

BetaWipe® is made from a composite of polypropylene material and cellulose material with a cut edge, cleanroom manufactured.

## Applications

- Wiping and cleaning surfaces, equipment and parts.
- Spill control.
- 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.

## 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 by thermally bonding nonwoven polypropylene outer layers over cellulose inner layers creating a wiper ideal for spill control, cleaning, and solution application.
- 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.
- 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

*Custom products available upon request.*

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