

# FoamWipe®

Dry Wipers



TECHNICAL DATA SHEET



FoamWipe®  
polyurethane foam



**Products**

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – FoamWipe®</i>				
<b>TX704</b>	6" x 9" x 1/8" (15 cm x 23 cm x 0.32 cm) dry		60 wipers/bag	8 bags



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### Description

FoamWipe® is made from polyurethane foam material with a cut edge, cleanroom manufactured.

### 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), ethanol, acetone, and degreasers.
- Lining trays for holding, protecting, drying and storing of parts, equipment and devices.
- Appropriate for use with temperatures less than 350°F (177°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 ppi polyurethane foam creating a high absorbency wiper ideal for spill control, cleaning, and solution application.
- Unique texture, ideal for picking up fine powder.
- 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 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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### Performance Characteristics

Property	Typical Value	Test Method*
<b>Particles and Fibers</b> LPC: $\geq 0.5 \mu\text{m}$ Fibers: $> 100 \mu\text{m}$	$1.5 \times 10^6$ particles/m <sup>2</sup> 4,700 fibers/m <sup>2</sup>	1, TM22 2, TM22
<b>Nonvolatile Residue</b> IPA extractant DIW extractant	1.10 g/m <sup>2</sup> 0.30 g/m <sup>2</sup>	1, TM1 1, TM1
<b>Ions</b> Sodium Potassium Chloride	1 ppm 0.009 ppm 10 ppm	1, TM18 1, TM18 1, TM18

### Physical Characteristics

Property	Typical Value	Test Method*
<b>Absorbency</b> Sorpive capacity Sorpive rate	900 mL/m <sup>2</sup> 3.9 seconds	1, TM20 1, TM20
<b>Basis Weight</b>	105 g/m <sup>2</sup>	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](http://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](http://www.astm.org).
- TM – Refers to Texwipe Test Method – available upon request. Contact Texwipe Customer Service at [www.texwipe.com](http://www.texwipe.com) or [info@texwipe.com](mailto:info@texwipe.com) for a copy.

Note: The data in this table represent typical analyses.

*Texwipe holds ISO 9001 registration.*

*All Texwipe products conform to GHS classification for labeling (where applicable).*

*Shipping classification based on weight of inner package.*