

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*
<b>Particles and Fibers</b> LPC: ≥0.5 µm Fibers: >100 µm	37 x 10 <sup>6</sup> particles/m <sup>2</sup> 40,000 fibers/m <sup>2</sup>	1, TM22 2, TM22
<b>Nonvolatile Residue</b> IPA extractant DIW extractant	0.02 g/m <sup>2</sup> 0.02 g/m <sup>2</sup>	1, TM1 1, TM1
<b>Ions</b> Sodium Potassium Chloride	40 ppm 5 ppm 24 ppm	1, TM18 1, TM18 1, TM18

**Physical Characteristics**

Property	Typical Value	Test Method*
<b>Absorbency</b> Sorptive capacity Sorptive rate	260 mL/m <sup>2</sup> 1.2 seconds	1, TM20 1, TM20
<b>Basis Weight</b>	67 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 and ISO 14001 registrations.*

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

*Shipping classification based on weight of inner package.*

# TechniCloth<sup>®</sup> II

## Dry Wipers



### TECHNICAL DATA SHEET



#### Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – TechniCloth® II</i>				
<b>TX1109</b>	9" x 9" (23 cm x 23 cm) dry		300 wipers/bag	10 bags
<b>TX1112</b>	12" x 12" (31 cm x 31 cm) dry		150 wipers/bag	10 bags
<b>TX1118</b>	18" x 18" (45 cm x 45 cm) dry		75 wipers/bag	10 bags

### TECHNICAL DATA SHEET

#### Description

TechniCloth® II is made from proprietary coated 45% polyester / 55% cellulose nonwoven material with a cut edge, cleanroom manufactured.

Available dry (TechniCloth® II).

#### 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.
- Cleaning gloves, notebooks, phones or any other item entering the cleanroom.
- 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 from 45% polyester / 55% cellulose nonwoven creating a durable wiper ideal for spill control, cleaning, and solution application.
- Manufacturing process incorporates a proprietary coating that provides low levels of particles and extractables creating a wiper suitable for general cleaning and wiping.
- Good chemical resistance for compatibility with a variety of solutions.
- Meets USP <797> and USP <800> wiper requirements.
- Individually lot coded for ease of traceability and quality control.

#### Cleanroom Environment

- ISO Class 5 – 8
- Class 100 – 100,000
- EU Grade B – D

#### Shelf Life

- Non-Sterile (Dry) – 5 years from date of manufacture