

TECHNICAL DATA SHEET

**Performance Characteristics**

| Property   | Typical Value   | Test Method*                  |
|--|---|-------------------------------|
| <b>Particles and Fibers</b><br>LPC: ≥0.5 µm<br>Fibers: >100 µm | 65 x 10 <sup>6</sup> particles/m <sup>2</sup><br>50,000 fibers/m <sup>2</sup> | 1, TM22<br>2, TM22            |
| <b>Nonvolatile Residue</b><br>IPA extractant<br>DIW extractant | 0.01 g/m <sup>2</sup><br>0.03 g/m <sup>2</sup>                                | 1, TM1<br>1, TM1              |
| <b>Ions</b><br>Sodium<br>Potassium<br>Chloride                 | 35 ppm<br>5 ppm<br>20 ppm   | 1, TM18<br>1, TM18<br>1, TM18 |

**Physical Characteristics**

| Property  | Typical Value                         | Test Method*       |
|---|---------------------------------------|--------------------|
| <b>Absorbency</b><br>Sorptive capacity<br>Sorptive rate | 280 mL/m <sup>2</sup><br><0.3 seconds | 1, TM20<br>1, TM20 |
| <b>Basis Weight</b>                                     | 57 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.

**For sterile products:**

- Gamma irradiated to a Sterility Assurance Level of 10<sup>-6</sup> according to AAMI Guidelines.
- Certificates of Compliance, Analysis and Irradiation attached to each case.
- Sterile Validation Documentation available upon request.

*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.*

# TexVantage™

Nonwoven  
Dry | Sterile

### TECHNICAL DATA SHEET



Made in USA

TexVantage™ Nonwoven  
40% polyester / 60% cellulose

#### Products

| Number                                   | Description                            | Sterile | Packaging                                 | Case    |
|--|--|---------|---|---------|
| <i>Dry Wipers – TexVantage™ Nonwoven</i> |  |         |   |         |
| <b>TX8939</b>                            | 9" x 9" (23 cm x 23 cm) dry            |         | 300 wipers/bag                            | 20 bags |
| <b>TX8932</b>                            | 12" x 12" (31 cm x 31 cm) dry          |         | 150 wipers/bag                            | 20 bags |
| <b>TX8932S</b>                           | 12" x 12" (31 cm x 31 cm) dry, sterile | ●       | 100 wiper/bag (5 inner bags of 20 wipers) | 5 bags  |

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#### Description

TexVantage™ Nonwoven is made from 40% polyester / 60% cellulose material with a cut edge, cleanroom manufactured. Available dry (TexVantage™) and sterile (Sterile TexVantage™).

#### 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 from a polyester / cellulose nonwoven creating a durable wiper ideal for spill control, cleaning, and solution application.
- Manufactured to provide a wiper suitable for general cleaning and wiping.
- Excellent chemical resistance for compatibility with a variety of solutions.
- Meets USP <797> and USP <800> wiper requirements.
- Autoclave safe.
- 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
- Sterile (Dry) – 3 years from the date of manufacture

Custom products available upon request.