

TexVantage™

Polyester
Dry | Pre-Wetted



TECHNICAL DATA SHEET



Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – TexVantage™ Polyester				
TX8944	4" x 4" (10 cm x 10 cm) dry		300 wipers/bag (2 inner bags of 150)	20 bags
TX8949	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 inner bags of 75)	10 bags
TX8942	12" x 12" (31 cm x 31 cm) dry		100 wipers/bag	10 bags
Pre-Wetted Wipers – TexVantage™ Polyester				
TX8946P	9" x 9" (23 cm x 23 cm) pre-wetted with 6% IPA		75 wipers/reclosable bag	4 bags
TX8949P	9" x 9" (23 cm x 23 cm) pre-wetted with 70% IPA		75 wipers/reclosable bag	4 bags
TX8941P	9" x 9" (23 cm x 23 cm) pre-wetted with 100% IPA		75 wipers/reclosable bag	4 bags

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Description

TexVantage™ Polyester is made from 100% polyester with a sealed edge.

Available dry and pre-wetted (TexVantage™).

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
- Dry Wipers: Appropriate for use with temperatures less than 400°F (205°C)
- Pre-wetted Wipers: Use with caution at elevated temperatures

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 100% polyester, 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
- Meets USP <797> and USP <800> wiper requirements
- Autoclave safe (Dry wipers only)
- Individually lot coded for ease of traceability and quality control
- TexVantage™ pre-wetted products are pre-wet with 0.2 µm filtered 6% USP-grade IPA / 94% DIW, 70% USP-grade IPA / 30% DIW, or 100% USP-grade IPA for ease of use
- TexVantage™ pre-wetted wipers provide consistent, optimized cleaning efficiency with repeatable wetness and VOC levels
- Pre-wetted wipers are packaged in easy-to-use, reclosable slider bags, reducing solution evaporation that preserves the consistent wiper wetness level

Cleanroom Environment

- ISO Class 3 – 8
- Class 10 – 100,000
- EU Grade B – D

Shelf Life

- Non-Sterile (Dry) – 5 years from the date of manufacture
- Non-Sterile (Pre-Wetted) - 3 years from date of manufacture

Custom products available upon request.

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Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
LPC: $\geq 0.5 \mu\text{m}$	$11.7 \times 10^6 \text{ particles/m}^2$	1, TM22
Fibers: $> 100 \mu\text{m}$	700 fibers/m^2	2, TM22
Nonvolatile Residue		
IPA extractant	0.05 g/m ²	1, TM1
DIW extractant	0.02 g/m ²	1, TM1
Ions		
Sodium	0.10 ppm	1, TM18
Potassium	0.03 ppm	1, TM18
Chloride	0.05 ppm	1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
Sorptive capacity	330 mL/m ²	1, TM20
Sorptive rate	0.5 seconds	1, TM20
Basis Weight	120 g/m ²	1, TM20

Note: The data in this table represent typical analyses.

*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(2020) “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, 2020; 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.

Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C). Since there may be a flammable liquid present, please follow all Federal, State, Provincial, local, and internal guidelines.

Texwipe holds an ISO 9001:2015 registration.

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

Shipping classification based on weight of inner package.