

TexVantage[™]

Polyester
Dry | Pre-Wetted



TECHNICAL DATA SHEET



TexVantage™ Polyester
 100% polyester

Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – TexVantage™ Polyester</i>				
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
<i>Pre-Wetted Wipers – TexVantage™ Polyester</i>				
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: $\geq 0.5 \mu\text{m}$	11.7×10^6 particles/m ²	1, TM22
Fibers: $> 100 \mu\text{m}$	700 fibers/m ²	2, TM22
Nonvolatile Residue		
IPA extractant	0.05 ppm	1, TM1
DIW extractant	0.02 ppm	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.