

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
LPC: ≥0.5 μm	6.7 x 10 ⁶ particles/m ²	1, TM20
Particles: 0.5-5.0 μm	1.3 x 10 ⁶ particles/m ²	1, TM20
Particles: 5.0-100 μm	69,000 particles/m ²	1, TM20
Fibers: >100 μm	220 fibers/m ²	2, TM22
Nonvolatile Residue		
IPA extractant	0.03 g/m ²	1, TM1
DIW extractant	0.01 g/m ²	1, TM1
Ions		
Sodium	0.17 ppm	1, TM18
Potassium	0.05 ppm	1, TM18
Chloride	0.01 ppm	1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency		
Sorptive capacity	375 mL/m ²	1, TM20
Sorptive rate	0.5 second	1, TM20
Basis Weight	109 g/m ²	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.
- 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.
- TM – Refers to Texwipe Test Method – available upon request. Contact Texwipe Customer Service at www.texwipe.com or info@texwipe.com for a copy.

Note: The data in this table represent typical analyses.

For non-sterile:

- TX1082, TX1084 – filled using USP grade IPA.
- TX1086 – filled using Semiconductor grade IPA.

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.

Agar Overlay and LAL (Limulus Amebocyte Lysate) test results available upon request.

Vectra[®] QuanTex[™]

Dry | Pre-Wetted

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Vectra® QuanTex™
100% polyester



Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – Vectra® QuanTex™				
TX1080	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 inner bags of 75)	10 bags
Pre-Wetted Wipers – Vectra® QuanSat™				
TX1082	9" x 9" (23 cm x 23 cm) pre-wetted with 100% IPA		50 wipers/reclosable bag	12 bags
TX1084	9" x 9" (23 cm x 23 cm) pre-wetted with 70% IPA		50 wipers/reclosable bag	12 bags
TX1086	9" x 9" (23 cm x 23 cm) pre-wetted with 6% IPA		50 wipers/reclosable bag	12 bags

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Description

Vectra® QuanTex™ is made from 100% polyester with a sealed border, processed on Texwipe's automated cleaning system.

Vectra® advances the cleaning process and brings this technology to a higher level of wiper manufacturing.

Available dry (Vectra® QuanTex™) and pre-wetted (Vectra® QuanSat™) with various sizes and packaging configurations.

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.
- Appropriate for use with temperatures less than 400°F (205°C).

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

- Each lot of QuanTex™ polyester wipers are tested for cytotoxicity by the Agar Overlay method and for Bacterial Endotoxins by LAL (Limulus Amebocyte Lysate) test for an extra level of contamination control assurance. Reports available upon request (TX1086 not applicable).
- Vectra® sealed border technology provides low levels of ions, NVRs (non-volatile residues), particles and fibers for use in critical cleaning applications and environments.
- Ideal for spill control, cleaning, and solution application.
- Vectra® QuanSat™ products are pre-wet with 0.2 µm filtered 100% IPA, 70% IPA / 30% DIW or 6% IPA / 94% DIW for ease of use.
- Vectra® QuanSat™ wipers provide consistent, optimized cleaning efficiency with repeatable wetness and VOC levels.
- Packaged in easy-to-use, recloseable slider bags reducing solution evaporation that preserves the consistent wiper wetness level.
- Meets USP <797> and USP <800> wiper requirements.
- Autoclave safe (dry wipers only).
- Individually lot coded for ease of traceability and quality control.

Cleanroom Environment

- ISO Class 3 – 7
- Class 1 – 10,000
- EU Grade A – D

Shelf Life

- Non-Sterile (Dry) – 5 years from date of manufacture
- Non-Sterile (Pre-Wetted) – 3 years from date of manufacture
- TX1082 – 1 year from date of manufacture
- TX1084 – 1 year from date of manufacture

Custom products available upon request.