

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
LPC: ≥0.5 µm	3.7 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	89,000 particles/m ²	1, TM20
Fibers: >100 µm	140 fibers/m ²	2, TM22
Nonvolatile Residue		
IPA extractant	0.02 g/m ²	1, TM1
DIW extractant	0.008 g/m ²	1, TM1
Ions		
Sodium	0.07 ppm	1, TM18
Potassium	0.06 ppm	1, TM18
Chloride	0.01 ppm	1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency		
Sorptive capacity	385 mL/m ²	1, TM20
Sorptive rate	0.5 second	1, TM20
Basis Weight	127 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.

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.

Quantum[®] 100

Dry Wipers



TEX-LIT-TDS-027 Rev.09-02/17



Vectra® Quantum® 100
100% polyester



Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – Vectra® Quantum® 100</i>				
TX1029	9" x 9" (23 cm x 23 cm) dry		100 wipers/bag (2 inner bags of 50)	10 bags

Description

Vectra® Quantum® 100 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® Quantum® 100).

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.
- 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

- 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.
- 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 3 – 8
- Class 1 – 100,000
- EU Grade A – D

Shelf Life

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

Custom products available upon request.