![Texwipe logo](An ITW Company)

Texwipe®
An *ITW* Company

www.texwipe.com

Vertex® Microdenier

Dry | Sterile

Vertex®
Microdenier, 100% polyester

Made in USA

Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – Vertex®				
TX59	9" x 9" (23 cm x 23 cm) dry		**100** wipers/bag	10 bags
TX3059	9" x 9" (23 cm x 23 cm) dry, sterile	●	100 wipers/bag (5 bags of 20 wipers)	5 bags

Description

Vertex® Microdenier is made from 100% polyester, nylon-free, material with a sealed edge processed on Texwipe's fully automated manufacturing system.

Vertex® advances wiper manufacturing technology, bringing it to the highest level in the industry.

Available dry (Vertex® Microdenier) and sterile.

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

- Vertex® Microdenier offers increased lifting and capturing of particles as small as microbes.
- Quick wicking performance, ideal for streak-free cleaning and spill control.
- Ideal for wiping surfaces susceptible to scratching.
- Unique microdenier construction allows the removal of oils and fingerprints.
- Nylon-free and compatible for applying Quaternary Ammonium Compounds (Quats) and other disinfectants and cleaners.
- Tested for cytotoxicity and bacterial endotoxins for an extra level of contamination control assurance.
- Manufactured to provide low levels of particles and extractables creating a wiper suitable for critical cleaning and wiping.
- 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 – 7
- Class 1 – 10,000
- EU Grade A – D

Shelf Life

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

Custom products available upon request.

Americas +1 336 996 7046 | **EMEA** +31 88 1307 410 | **Philippines** +63 49 543 0241 | **China** +86 512 6303 3700
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50 YEARS OF CLEAN

T E C H N I C A L   D A T A   S H E E T

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
LPC: ≥0.5 µm	9.0×10^6 particles/m^2	1, TM22
Fibers: >100 µm	320 fibers/m^2	2, TM22
Nonvolatile Residue		
IPA extractant	0.07 g/m^2	1, TM1
DIW extractant	0.01 g/m^2	1, TM1
Ions		
Sodium	<0.30 ppm	1, TM18
Potassium	<0.80 ppm	1, TM18
Chloride	<0.10 ppm	1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency		
Sorptive capacity	350 mL/m^2	1, TM20
Sorptive rate	0.3 second	1, TM20
Basis Weight	190 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 sterile products:

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

Texwipe holds ISO 9001 registration.

All Texwipe products conform to GHS classification for labeling (where applicable).
Shipping classification based on weight of inner package.

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TEX-LIT-TDS-023 Rev.00-11/17

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