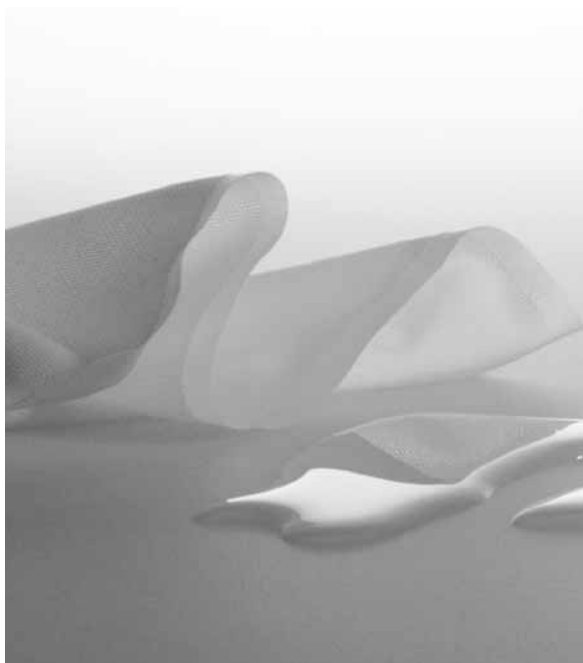


Vectra® QuanTex™ Wipers

A superior Vectra® Process polyester sealed-border wiper for use in general wiping and cleaning applications



Description

Vectra® QuanTex™ represents the state of the art in wiper technology and provides maximum performance in critical cleanroom environments.

ITW Texwipe's proprietary Vectra® Process cleans the wipers more efficiently than any cleanroom laundry. ITW Texwipe's patented* sealed-border technology produces four fully sealed borders to prevent the release of fibers and particles. The fabric is a no-run interlock, double-knit from 100% continuous-filament polyester.

QuanTex wipers are also available pre-wetted in CleanPaks®. It combines the QuanTex wipers with semiconductor-grade isopropyl alcohol in convenient, reclosable bags.

Features

- Excellent balance of wiping efficiency, abrasion resistance and absorbency
- Fully sealed border to prevent fiber release
- Vectra® Process for the cleanest, most consistent wipers
- 100% continuous-filament, double-knit polyester
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Statistical quality control/Six Sigma Quality Assurance

Benefits

- Assures cleanliness with ultralow levels of ions and extractables
- Resists abrasion under rigorous use or when wiping rough surfaces
- Helps prevent product and cleanroom contamination by minimizing fiber and particle release
- Complete traceability of each bag
- LAL and Agarose overlay test results available for each lot

Applications

- Designed for use in ISO Class 3–6 cleanroom environments
- Superior for general wiping in environments where contamination control is of paramount importance
- The best wiper for multiple applications

Products

TX Number	Dry Wipers	Packaging
TX1080	Vectra® QuanTex™ 9" x 9" nominal (23 cm x 23 cm) double-knit polyester, sealed-border wipers	150 wipers/bag, 2 inner bags of 75; 10 bags/case
Also available pre-wetted with IPA in 6, 70 and 100% concentrations		

*Patent #4,888,229

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Vectra® QuanTex™ Wipers

TX1080

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	109 g/m ²	1, TM20
Absorbency		
Sorptive capacity	375 mL/m ²	1, TM20
Sorptive rate	0.5 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	6.7 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5–5.0 µm	1.3 x 10 ⁶ particles/m ²	1, 2, TM22
5.0–100 µm	69,000 particles /m ²	1, 2, TM22
Fibers >100 µm	220 fibers /m ²	1, 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

Note: The data in this table represent typical analyses of these wipers at the time of publication. These are not specifications.
ITW Texwipe continually refines both its processes and its products.

*Test Methods

- 1 – “Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments,” IEST-RP-CC 004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL 2004; www.iest.org.
 - 2 – “Standard Method for Size-Differentiated Counting of Particles and Fibers Released from Clean Room Wipers Using Optical and Scanning Electron Microscopy,” E2090-00, ASTM International, West Conshohocken, PA, 2000; www.astm.org.
- TM – Refers to ITW Texwipe Test Method — available upon request, contact ITW Texwipe Customer Service at www.texwipe.com for a copy.

ITW Texwipe is the only wiper company to be ISO 9001:2000, 13485:2003, 14001:2004 and OHSAS 18001:1999 registered.