

TECHNICAL DATA SHEET



Description

Sterile Vertex is a two-ply 100% continuous-filament, polyester knit wiper made in the USA and processed on Texwipe's revolutionary Vertex® manufacturing system. The wiper's two-ply construction and sealed-edges provide a soft feel, high sorptive capacity and prevent particle and fiber release.

The Vertex® manufacturing process cleans and converts wipers in an integrated, hands-free micro-environment. Vertex® wipers are manufactured in an ISO Class 3 environment with a small physical footprint which provides for a more sustainable process.

The Vertex® system incorporates real time process monitoring and alarms for critical parameters to produce the most consistent cleanroom wipers available.



Features

- ▶ High sorption capacity
- ▶ Large surface area with excellent sorbency
- ▶ Sealed-edges
- ▶ Gamma irradiated in accordance with ANSI/AAMI/ISO 11137
- ▶ Certificates of Processing and Compliance are attached to each case
- ▶ Quarterly LAL endotoxin testing

Benefits

- ▶ Reduces number of wipers needed for spill control
- ▶ Absorbs and releases large volumes of cleaning and disinfecting solutions
- ▶ Extremely low levels of releasable particles and fibers
- ▶ Meets Sterility Assurance Level of 10⁻⁶
- ▶ Confirms radiation dose met specified dose at time of receiving
- ▶ Meets FDA Guideline for medical device bacterial endotoxin limit of not more than 20 EU/device

Products

Number	Description	Packaging
TX3221	Sterile Vertex® 11" x 11" nominal (28 cm x 28 cm) sealed-edge wipers triple-bagged	100 wipers/bag (5 inner bags of 20 wipers) 5 bags/case

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www.texwipe.com

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Sterile Vertex® Dry Wipers

Performance and Contamination Characteristics

Property	Typical Value	Test Method*
Absorbency		
Sorption capacity	525 mL/m ²	1,TM20
Sorption rate	0.3 seconds	1,TM20
LPC		
≥0.5 µm	15 x 10 ⁶ particles/m ²	1,TM22
Particles and fibers		
Particles 0.5–5.0 µm	6.4 x 10 ⁶ particles/m ²	1,2,TM22
5.0–100 µm	185,000 particles/m ²	1,2,TM22
Fibers >100 µm	160 fibers/m ²	1,2,TM22
Nonvolatile residue		
IPA extractant	0.07 g/m ²	1,TM1
DIW extractant	0.02 g/m ²	1,TM1

Note: The data in these tables represent typical analyses of these wipers at the time of publication. These are not specifications.

*Test Methods

- 1 — IEST-RP-CC004.3, 2004; www.iest.org.
- 2 — ASTM E2090-06, 2006; E2090-06, ASTM International; www.astm.org.
- TM — Texwipe Test Method available upon request. Visit www.texwipe.com or contact Texwipe Customer Service at + 1-336-996-7046.

Texwipe Regulatory Certificates

Texwipe is the only wiper company to be registered: ISO 9001 • ISO 13485 • ISO 14001 • OHSAS 18001