



Vertex®

Sterile High-Sorption Wipers

TX3042 and TX3049 are 100% continuous-filament, polyester knit fabric wipers made in the USA from virgin stock and processed on Texwipe's revolutionary Vertex® manufacturing system. The wiper's unique design provides a very soft feel and high sorptive capacity.

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.

Quarterly Agar Overlay and LAL testing assures that wipers do not contribute cytotoxic leachables and are nonpyrogenic.

Features

- » High sorption capacity
- » Unique fabric structure
- » Gamma irradiated in accordance with ANSI/AAMI/ISO 11137
- » Certificates of Processing and Compliance are attached to each case
- » Quarterly microbial testing by Agarose Overlay and Limulus Amebocyte Lysate (LAL) endotoxin testing

Benefits

- » Reduces number of wipers needed for spill control
- » Soft feel for use with delicate surfaces or applications
- » 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	Dry Wipers		Packaging
TX3042	Vertex®	12" x 12" nominal (31 cm x 31 cm) sealed-edge wipers, triple-bagged	100 wipers/bag (5 inner bags of 20 wipers) 5 bags/case
TX3049	Vertex®	9" x 9" nominal (23 cm x 23 cm) sealed-edge wipers, triple-bagged	100 wipers/bag (5 inner bags of 20 wipers) 5 bags/case
Number	Pre-wetted Wipers		Packaging
TX3042P	Vertex®	12" x 12" nominal (31 cm x 31 cm) sealed-edge wipers pre-wetted with 70% USP-Grade IPA / 30% USP Purified Water, triple-bagged	25 wipers/bag, 5 bags/case
TX3049P	Vertex®	9" x 9" nominal (23 cm x 23 cm) sealed-edge wipers pre-wetted with 70% USP-Grade IPA / 30% USP Purified Water, triple-bagged	25 wipers/bag, 5 bags/case

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



For more information contact us at the numbers below or www.texwipe.com

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Vertex® Dry Wipers

Performance and Contamination Characteristics

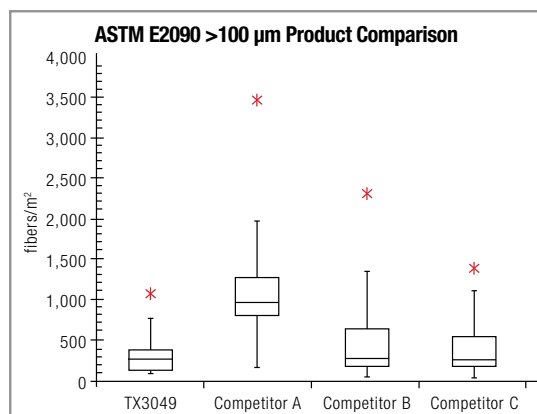
Property	Typical Value	Test Method*	Property	Typical Value	Test Method*
Absorbency			LPC		
Sorptive capacity	450 mL/m ²	1,TM20	≥0.5 µm	9.5 x 10 ⁶ particles/m ²	1,TM22
Sorptive rate	0.3 seconds	1,TM20	Particles and fibers		
			Particles 0.5–5.0 µm	3.0 x 10 ⁶ particles/m ²	1,2,TM22
			5.0–100 µm	66,000 particles/m ²	1,2,TM22
			Fibers >100 µm	200 fibers/m ²	1,2,TM22
			Nonvolatile residue		
			IPA extractant	0.02 g/m ²	1,TM1
			DIW extractant	0.01 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

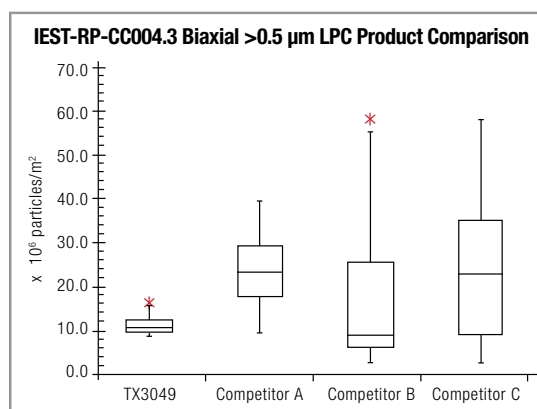
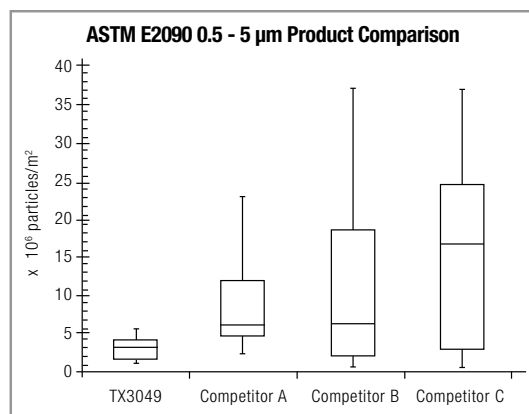
- 1 – IEST-RP-CC004.3, 2004; www.iest.org.
- 2 – ASTM E2090-06, 2006; E2090-06, ASTM International; www.astm.org.
- TM – Texwipe Test Method available upon request. Visit www.texwipe.com or contact Texwipe Customer Service at + 1-336-996-7046.

Wiper Consistency Data



The components of a Consistency Chart are:

- » Line – represents the median or middle value of a ranked data set.
- » Box – represents the range of values in which fifty percent of the data lie.
- » Whisker – the line at each end of the box, expresses a range of values in which twenty-five percent of the data set lie.
- » Outlier – indicates points that are significantly different than the rest of the data set.



Lower medians, smaller boxes and shorter whiskers together indicate cleaner and more consistent wipers.

