



The Next Level of Clean™

Vertex™ High Sorption Wipers

TX42 and TX49 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, converts, and packages 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.

Untouched by human hands until you open the bag to use them, Vertex™ wipers carry the highest level of assurance of contamination control among cleanroom wipers.

Features

- » Unique fabric structure
- » High sorption capacity
- » Quarterly microbial testing by Agarose Overlay and Limulus Amebocyte Lysate (LAL) endotoxin testing
- » 9" or 12" wiper size in both dry and prewetted versions

Benefits

- » Soft feel for use with delicate surfaces or applications
- » Reduces number of wipes needed for spill control
- » Provides assurance that the wiper does not carry cytotoxic leachables and is nonpyrogenic
- » Versatile wiper capable of high performance in a variety of demanding applications

Products

| Number | Dry Wipers | Packaging |
|-------------|---|------------------------------|
| TX42 | Vertex™ 12" x 12" nominal (30 cm x 30 cm) laser edge wipers | 100 wipers/bag, 10 bags/case |
| TX49 | Vertex™ 9" x 9" nominal (23 cm x 23 cm) laser edge wipers | 150 wipers/bag, 10 bags/case |

| Number | Pre-Wetted Wipers | Packaging |
|--------------|---|----------------------------|
| TX42P | Vertex™ 12" x 12" nominal (30 cm x 30 cm) laser edge wipers pre-wetted with 70% USP-Grade IPA / 30% DIW | 50 wipers/bag, 4 bags/case |
| TX49P | Vertex™ 9" x 9" nominal (23 cm x 23 cm) laser edge wipers pre-wetted with 70% USP-Grade IPA / 30% DIW | 75 wipers/bag, 4 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* |
|----------------------|--|--------------|
| Absorbency | | |
| Sorptive capacity | 450 mL/m ² | 1,TM20 |
| Sorptive rate | 0.3 seconds | 1,TM20 |
| LPC | | |
| ≥0.5 µm | 9.5 x 10 ⁶ particles/m ² | 1,TM22 |
| 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 |

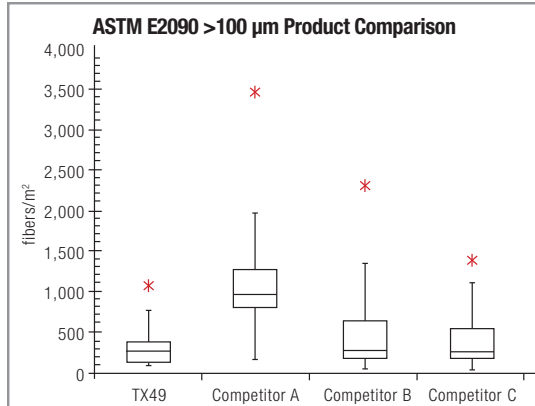
| Property | Typical Value | Test Method* |
|-----------|---------------|--------------|
| Ions | | |
| Fluoride | ND | 1,TM18 |
| Chloride | <0.05 ppm | 1,TM18 |
| Bromide | ND | 1,TM18 |
| Sulfate | <0.02 ppm | 1,TM18 |
| Phosphate | ND | 1,TM18 |
| Lithium | ND | 1,TM18 |
| Sodium | <0.17 ppm | 1,TM18 |
| Potassium | ND | 1,TM18 |
| Ammonium | ND | 1,TM18 |
| Calcium | <0.10 ppm | 1,TM18 |
| Magnesium | <0.01 ppm | 1,TM18 |

Note: The data in these tables represent typical analyses of these wipers at the time of publication. These are not specifications. Values are reported in ppm (parts per million). Detection limit <0.009 ppm. Quantification limit of 0.009 ppm.

***Test Methods**

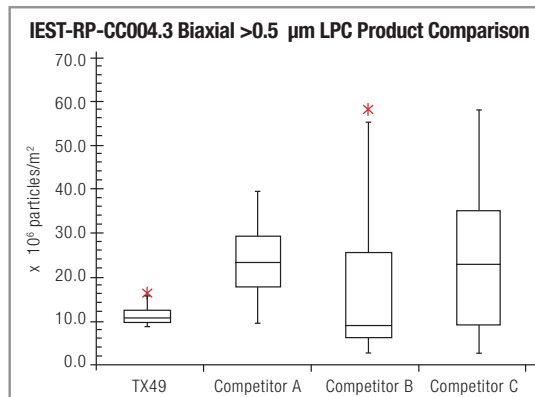
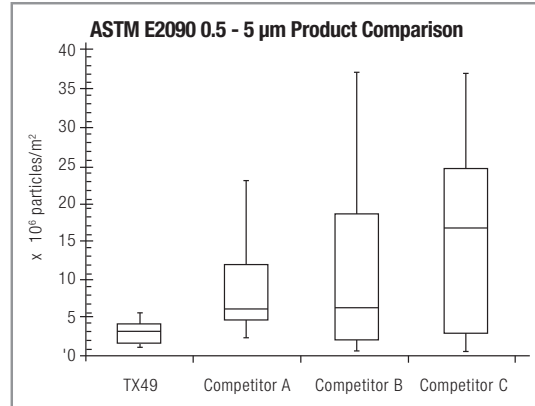
- 1 – IEST-RP-CC004.3, 2004; www.iest.org.
- 2 – ASTM E2090-06, 2006; E2090-06, ASTM International; www.astm.org.
- TM – Texwipe Test Method available upon request. Visit www.texwipe.com or contact Texwipe Customer Service at +1-336-996-7046.

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.

