TexWipe

Empfohlene Reinraumklassen

ISO 4 | 5 | 6 | 7 | 8 | 9

GMP A/B | C | D

Tuch TexWipe Vertex #TX3049P

pure[11]-Nr.: 1106296, Marke: TexWipe

Eigenschaften

- Steril
- Marke: TexWipe
- Struktur: Gestrick
- Material: Polyester
- Tränkung
- Lieferform in Verpackung: geschüttet (bulk)
- Verpackungsform: Beutel
- Anzahl in kleinster Unterverpackung: 25
- Kantenverarbeitung: lasergeschnitten
- Chemikalienbeständigkeit
- VOC-Anteil: 1,65 in KG VOC/VE
- DI-Wasser: 30 %
- Gebrauch: Einweg
- Niedrigen Endotoxin-Gehalt
- Polyester/PES: 100 %
- Sterilisation validiert
- Tränkung IPA: 70 %

we care

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Material

- Polyester

Verpackung

- 125STK

Produktvarianten

pure[11]-Nr.: 11062962323WH, Tuch TexWipe Vertex #TX3049P

Steril; Größe: 23 x 23 cm (9 x 9"); Farbe: Weiß / VE: 125STK

pure[11]-Nr.: 11062963131WH, Tuch TexWipe Vertex #TX3042P

Steril; Größe: 31 x 31 cm (12 x 12"); Farbe: Weiß / VE: 125STK

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Vertex®

Dry | Pre-Wetted | Sterile

Texwipe®

An ITW Company

Texwipe.com

Cleanroom Wipers
Vertex®

TECHNICAL DATA SHEET

Vertex® TX3221 (top) Vertex® 40 (bottom)

Vertex®
100% polyester

Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – Vertex®				
TX49	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag	10 bags
TX3049	9" x 9" (23 cm x 23 cm) dry, sterile	●	100 wipers/bag (5 bags of 20 wipers)	5 bags
TX3221	11" x 11" (28 cm x 28 cm) dry, sterile	●	100 wipers/bag (5 bags of 20 wipers)	5 bags
TX42	12" x 12" (31 cm x 31 cm) dry		100 wipers/bag	10 bags
TX3042	12" x 12" (31 cm x 31 cm) dry, sterile	●	100 wipers/bag (5 bags of 20 wipers)	5 bags
Pre-Wetted Wipers – Vertex®				
TX49P	9" x 9" (23 cm x 23 cm) pre-wetted with 70% IPA		75 wipers/reclosable bag	4 bags
TX3049P	9" x 9" (23 cm x 23 cm) pre-wetted with 70% IPA, sterile	●	25 wipers/reclosable bag	5 bags
TX42P	12" x 12" (31 cm x 31 cm) pre-wetted with 70% IPA		50 wipers/reclosable bag	4 bags
TX3042P	12" x 12" (31 cm x 31 cm) pre-wetted with 70% IPA, sterile	●	25 wipers/reclosable bag	5 bags
TX3044P	12" x 12" (31 cm x 31 cm) pre-wetted with 70% EtOH (ethanol), sterile	●	25 wipers/reclosable bag	5 bags

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Cleanroom Wipers
Vertex®

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Description

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

Available dry (Vertex®), pre-wetted (Vertex® pre-wetted) 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
- Lining trays for holding, protecting, drying and storing of parts, equipment and devices
- Dry Wipers: Appropriate for use with temperatures less than 400°F (205°C)
- Pre-wetted Wipers: Use with caution at elevated temperatures

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® processing provides low levels of ions, NVRs (non-volatile residues), particles and fibers for use in critical cleaning applications and environments
- Tested quarterly for cytotoxicity and bacterial endotoxins for an extra level of contamination control assurance
- Designed for high sorption capacity which is ideal for spill control, cleaning, and solution application
- Vertex® pre-wetted products are pre-wet with 0.2 µm filtered 70% USP-grade IPA / 30% DIW or 70% Denatured Ethanol / 30% DIW for ease of use
- Vertex® pre-wetted wipers provide consistent, optimized cleaning efficiency with repeatable wetness and VOC levels
- Pre-wetted wipers are packaged in easy-to-use, recloseable slider bags, reducing solution evaporation that preserves the consistent wiper wetness level
- Meets USP <797> and USP <800> wiper requirements
- Autoclave safe (dry wipers only)
- Individually lot coded for ease of traceability and quality control

Sterile Products

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

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
- Non-Sterile (Pre-Wetted) – 3 years from date of manufacture
- Sterile (Dry & Pre-Wetted) – 3 years from date of manufacture

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Cleanroom Wipers
Vertex®

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value		Test Method*
	40 Series	TX3221	
Particles and Fibers			
LPC: ≥0.5 µm	9.5 x 10^6 particles/m^2	8.2 x 10^6 particles/m^2	1, TM22
Fibers: >100 µm	200 fibers/m^2	240 fibers/m^2	2, TM22
Nonvolatile Residue			
IPA extractant	0.02 g/m^2	0.02 g/m^2	1, TM1
DIW extractant	0.01 g/m^2	0.01 g/m^2	1, TM1
Ions			
Sodium	0.17 ppm	0.05 ppm	1, TM18
Potassium	0.01 ppm	0.07 ppm	1, TM18
Chloride	0.05 ppm	0.02 ppm	1, TM18

Physical Characteristics

Property	Typical Value		Test Method*
Absorbency			
Sorptive capacity	450 mL/m^2	680 mL/m^2	1, TM20
Sorptive rate	0.3 second	<1 second	1, TM20
Basis Weight	130 g/m^2	214 g/m^2	1, TM20

Note: The data in this table represent typical analyses.

*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(2020), "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 **Texwipe.com** or **info@texwipe.com** for a copy.

Storage Conditions: Store at ambient conditions, defined as temperatures between 59°F (15°C) and 86°F (30°C). Since there may be a flammable liquid present, please follow all Federal, State, Provincial, local, and internal guidelines.

Texwipe holds an ISO 9001:2015 registration.
All Texwipe products conform to GHS classification for labeling (where applicable).
Shipping classification based on weight of inner package.