

Empfohlene Reinraumklassen

ISO 5 | 6 | 7 | 8 | 9

GMP C | D

Tuch TechniSat #TX1045

pure[11]-Nr.: 1106105, Marke: TexWipe

Eigenschaften

- Marke: TexWipe
- Flächengewicht in g/m²: 69 g/m²
- Material: Polyester/Zellulose
- Tränkung
- Lieferform in Verpackung: auf Rolle
- Verpackungsform: Eimer
- Anzahl in kleinster Unterverpackung: 100
- Kantenverarbeitung: Kalt geschnitten
- DI-Wasser: 30 %
- Gebrauch: Einweg
- Hydroverfestigt
- Polyester/PES: 45 %
- Tränkung IPA: 70 %
- Zellulose: 55 %
- Flächengewicht in g/m²: 69 g/m²

we care

pure[11] GmbH |
Bavariafilmplatz 7 | D-82031 Grünwald
T +49 89 5589434 0
F +49 89 5589434 77
www.pure11.de
info@pure11.de

Material

- Polyester/Zellulose

Verpackung

- 1000STK

Produktvarianten

pure[11]-Nr.: 1106105, Tuch TechniSat #TX1045

Größe: 15 x 20 cm (6 x 8"); Farbe: Weiß / VE: 1000STK

pure[11] GmbH |
Bavariafilmplatz 7 | D-82031 Grünwald
T +49 89 5589434 0
F +49 89 5589434 77
www.pure11.de
info@pure11.de

TechniCloth®

Dry | Pre-Wetted | Sterile

Texwipe.com

Texwipe®
An ITW Company



Texwipe®
An ITW Company

Cleanroom Wipers
TechniCloth®

TECHNICAL DATA SHEET



TechniCloth®
45% Polyester / 55% Cellul

Made in **USA**

Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – TechniCloth®				
TX604	4" x 4" (10 cm x 10 cm) dry		1,200 wipers/bag (4 packs of 300 wipers)	10 bags
TX606	6" x 6" (15 cm x 15 cm) dry		600 wipers/bag (2 packs of 300 wipers)	10 bags
TX609	9" x 9" (23 cm x 23 cm) dry		300 wipers/bag	10 bags
STX609	9" x 9" (23 cm x 23 cm) dry, sterile	●	100 wiper/bag (4 packs of 25 wipers)	5 bags
TX612	12" x 12" (31 cm x 31 cm) dry		150 wipers/bag	10 bags
TX3210	12" x 12" (31 cm x 31 cm) dry, SterileWipe™ HS II	●	100 wipers/bag (5 packs of 20 wipers)	5 bags
Pre-Wetted Wipers – TechniSat®				
TX1045	6" x 8" (15 cm x 20 cm) pre-wetted with 70% IPA		100 wipers/reclosable bag	12 bags
TX1067	7" x 11" (18 cm x 28 cm) pre-wetted with 70% IPA		200 wipers/reclosable bag	4 bags
TX1048	8" x 5" (20 cm x 13 cm) pre-wetted with 6% IPA		210 wipers/refill pack	12 refill packs & 1 tub
TX1041	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA		70 wipers/reclosable bag	12 bags
TX1065	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA		50 wipers/flexpack	20 flexpacks
TX3214	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA, sterile	●	50 wipers/flexpack	20 flexpacks
TX3217	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA, sterile	●	20 wipers/flexpack	24 flexpacks
TX8488	9" x 11" (23 cm x 28 cm) pre-wetted with 6% IPA		300 wipers/reclosable bag	3 bags

Cleanroom Wipers
TechniCloth®

TECHNICAL DATA SHEET

Description

TechniCloth® is made from 45% polyester / 55% cellulose nonwoven material with a cut edge, cleanroom manufactured.

Available dry (TechniCloth®), pre-wetted (TechniSat®) and sterile.

Applications

- Wiping and cleaning surfaces, equipment and parts
- Spill control
- Applying and removing lubricants, adhesives, residues and other solutions including disinfectants
- Cleaning with solvents such as isopropyl alcohol (IPA), ethanol, acetone, and degreasers
- Cleaning gloves, notebooks, phones or any other item entering the cleanroom
- Lining trays for holding, protecting, drying and storing of parts, equipment and devices

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

- Constructed from 45% polyester / 55% cellulose nonwoven creating a durable wiper ideal for spill control, cleaning, and solution application
- Manufactured to provide low levels of particles and extractables, creating a wiper suitable for general cleaning and wiping
- Excellent chemical resistance for compatibility with a variety of solutions
- Autoclave safe (dry wipers only)
- TechniSat® products are prewet with 0.2 µm filtered 70% IPA / 30% DIW, or 6% IPA/ 94% DIW for ease of use
- TechniSat® wipers provide consistent, optimized cleaning efficiency with repeatable wetness and VOC levels
- TechniSat® wipers are packaged in easy-to-use, reclosable slider bags, tubs, and peel-and-reseal bags, reducing solution evaporation that preserves the consistent wiper wetness level
- Meets USP <797> and USP <800> wiper requirements
- Individually lot coded for ease of traceability and quality control

Cleanroom Environment

- ISO Class 5 – 8
- Class 100 – 100,000
- EU Grade B – D

Shelf Life

- Non-Sterile (Dry) – 5 years from date of manufacture
- Non-Sterile (Pre-Wetted) – 3 years from date of manufacture
- TX8488 – 1 year from date of manufacture
- Sterile (Dry & Pre-Wetted) – 3 years from date of manufacture

Texwipe®
An ITW Company

Cleanroom Wipers
TechniCloth®

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
LPC: ≥0.5 µm	72 x 10^6 particles/m^2	1, TM22
Fibers: >100 µm	55,000 fibers/m^2	2, TM22
Nonvolatile Residue		
IPA extractant	0.01 g/m^2	1, TM1
DIW extractant	0.03 g/m^2	1, TM1
Ethanol extractant	0.01 g/m^2	1, TM1
Ions		
Sodium	12 ppm	1, TM18
Potassium	1 ppm	1, TM18
Chloride	10 ppm	1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency		
Sorptive capacity	360 mL/m^2	1, TM20
Sorptive rate	<0.3 seconds	1, TM20
Basis Weight	69 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, 2020; 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.

For non-sterile products:

- TX1045, TX1048, TX8488 – filled using Semiconductor-grade IPA.
- TX1041, TX1065, TX1067 – filled using USP-grade IPA.

For sterile products:

- Gamma irradiated to a Sterility Assurance Level of 10^{-6} according to AAMI Guidelines.
- Certificates of Compliance, Analysis and Processing/Irradiation available for each lot.
- Sterile Validation Documentation available upon request.
- TX3214, TX3217 – filled using USP-grade IPA.

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.

Texwipe®
An ITW Company

Americas	+1 336 996 7046
EMEA	+31 88 1307 410
Philippines	+63 49 543 0241
China	+86 512 6303 3700

Texwipe.com

US-TDS-003 Rev.4/23