



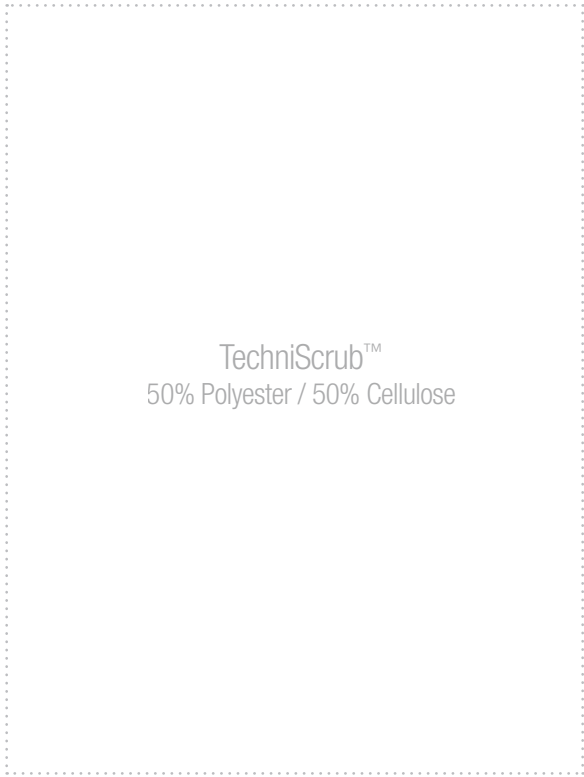
www.texwipe.com

TechniScrubTM

Dry Wipers



TECHNICAL DATA SHEET



Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – TechniScrub™</i>				
TX4409	9" x 9" (23 cm x 23 cm) dry		100 wipers/bag	10 bags
TX4412	12" x 12" (31 cm x 31 cm) dry		100 wipers/bag	10 bags

TECHNICAL DATA SHEET

Description

TechniScrub™ is made from 50% polyester / 50% cellulose nonwoven material with a cut edge, cleanroom manufactured. Available dry (TechniScrub™).

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.

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 50% polyester / 50% cellulose nonwoven creating a textured side for removing deposits and smooth side for follow-up wiping and cleaning.
- Unique design creates a wiper with superior sorption capacity.
- 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).
- 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

Custom products available upon request.

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers LPC: $\geq 0.5 \mu\text{m}$ Fibers: $> 100 \mu\text{m}$	70 x 10 ⁶ particles/m ² 55,000 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant Ethanol extractant	0.01 g/m ² 0.03 g/m ² 0.01 g/m ²	1, TM1 1, TM1 1, TM1
Ions Sodium Potassium Chloride	12 ppm 1 ppm 10 ppm	1, TM18 1, TM18 1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency Sorptive capacity Sorptive rate	520 mL/m ² <0.3 seconds	1, TM20 1, TM20
Basis Weight	72 g/m ²	1, TM20

*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, “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 www.texwipe.com or info@texwipe.com for a copy.

Note: The data in this table represent typical analyses.

Texwipe holds ISO 9001 and ISO 14001 registrations.

All Texwipe products conform to GHS classification for labeling (where applicable).

Shipping classification based on weight of inner package.