

T E C H N I C A L   D A T A   S H E E T

**Performance Characteristics**

Property	Typical Value	Test Method*
<b>Particles and Fibers</b>		
Particles: 0.5-5.0 µm	19 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM20
5.0-100 µm	79,000 particles/m <sup>2</sup>	1, TM20
LPC: ≥0.5 µm	3.5 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM22
Fibers: >100 µm	600 fibers/m <sup>2</sup>	2, TM22
<b>Nonvolatile Residue</b>		
IPA extractant	0.03 g/m <sup>2</sup>	1, TM1
DIW extractant	0.01 g/m <sup>2</sup>	1, TM1
<b>Ions</b>		
Sodium	0.3 ppm	1, TM18
Potassium	0.12 ppm	1, TM18
Chloride	0.06 ppm	1, TM18

**Physical Characteristics**

Property	Typical Value	Test Method*
<b>Absorbency</b>		
Sorptive capacity	350 mL/m <sup>2</sup>	1, TM20
Sorptive rate	0.5 second	1, TM20
<b>Basis Weight</b>	122 g/m <sup>2</sup>	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](http://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](http://www.astm.org).
- TM – Refers to Texwipe Test Method – available upon request. Contact Texwipe Customer Service at [www.texwipe.com](http://www.texwipe.com) or [info@texwipe.com](mailto: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.*

# ThermaSeal™ 60

Dry Wipers





ThermaSeal™ 60  
100% polyester

### Products

Number	Description	Sterile	Packaging	Case
<i>Dry Wipers – ThermaSeal™ 60</i>				
<b>TX2064</b>	4" x 4" (10 cm x 10 cm) dry		300 wipers/bag (2 inner bags of 150)	20 bags
<b>TX2068B</b>	7" x 8" (18 cm x 20 cm) dry, bulk packaged		200 wipers/bag	10 bags
<b>TX2069</b>	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 inner bags of 75)	10 bags
<b>TX2069B</b>	9" x 9" (23 cm x 23 cm) dry, bulk packaged		150 wipers/bag	10 bags
<b>TX9912</b>	12" x 12" (31 cm x 31 cm) dry		150 wipers/bag (2 inner bags of 75)	10 bags

### Description

ThermaSeal™ 60 is made from 100% polyester with a sealed edge, cleanroom laundered.

### 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.
- Appropriate for use with temperatures less than 400°F (205°C).

### Features & Benefits

- Constructed from 100% polyester creating a wiper ideal for spill control, cleaning, and solution application.
- Cleanroom laundering providing low levels of ions and NVRs (non-volatile residues) particles. (TX2064 & TX2069)
- Designed for use on abrasive surfaces. This wiper will not easily snag or abrade releasing particles and fibers into the process or environment.
- Excellent chemical resistance for compatibility with a variety of solutions.
- Meets USP <797> and USP <800> wiper requirements.
- Autoclave safe.
- Individually lot coded for ease of traceability and quality control.

### Cleanroom Environment

- ISO Class 3 – 7
- Class 1 – 10,000
- EU Grade A – D

### 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>

*Custom products available upon request.*