

TECHNICAL DATA SHEET

Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers		
Particles: 0.5-5.0 µm	19 x 10 ⁶ particles/m ²	1, TM20
5.0-100 µm	79,000 particles/m ²	1, TM20
LPC: ≥0.5 µm	3.5 x 10 ⁶ particles/m ²	1, TM22
Fibers: >100 µm	600 fibers/m ²	2, TM22
Nonvolatile Residue		
IPA extractant	0.03 g/m ²	1, TM1
DIW extractant	0.01 g/m ²	1, TM1
Ions		
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*
Absorbency		
Sorptive capacity	350 mL/m ²	1, TM20
Sorptive rate	0.5 second	1, TM20
Basis Weight	122 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.

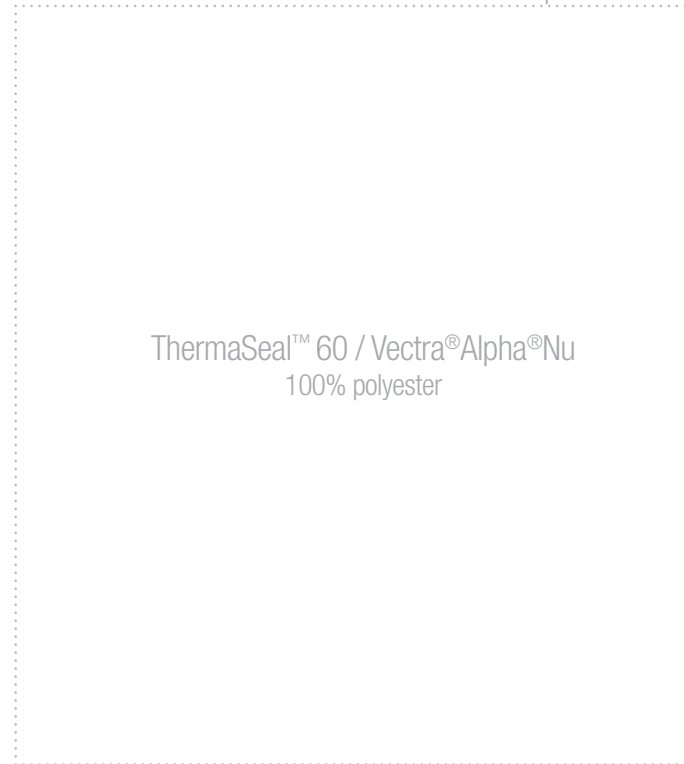
ThermaSeal™ 60

Dry Wipers

TECHNICAL DATA SHEET



ThermaSeal™ Vectra®Alpha®Nu



Products

Number	Description	Sterile	Packaging	Case
Dry Wipers – ThermaSeal™ 60				
TX2064	4" x 4" (10 cm x 10 cm) dry		300 wipers/bag (2 inner bags of 150)	20 bags
TX2069	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 inner bags of 75)	10 bags
Dry Wipers – Vectra®Alpha®Nu				
TX1069	9" x 9" (23 cm x 23 cm) dry		150 wipers/bag (2 inner bags of 75)	10 bags

TECHNICAL DATA SHEET

Description

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

Vectra®Alpha®Nu is made from 100% polyester with a sealed border, processed on Texwipe's automated cleaning system.

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).

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 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)
- Vectra® sealed border technology provides low levels of ions, NVRs (non-volatile residues), particles and fibers for use in critical cleaning applications and environments. (TX1069)
- 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

Shelf Life

- Non-Sterile (Dry) – 5 years from date of manufacture

Custom products available upon request.