

ThermaSeal™ 60 Wipers

ThermaSeal 60 wipers offer quality and value



Description

ThermaSeal™ 60 wipers feature laser cut, sealed polyester laundered in an ISO Class 4 and are ideal for all purpose applications in critical cleanrooms and higher environments.

Features

- Thermally sealed (laser) edges for particle and fiber control
- 100% continuous-filament, double-knit polyester fabric
- Good absorbency, wiping efficiency and abrasion resistance
- Chemically compatible with standard solvents and alcohols
- Laundered and packaged in an ISO Class 4 cleanroom environment
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging to protect product
- Complies with REACH and RoHS requirements
- Color-coded packaging for easy recognition

Applications

- Semiconductor and microelectronics — general wiping and cleaning needs
- Sterile Applications — Autoclavable
- USP 797 environments
- Medical device product cleaning
- Video display and instrument panel cleaning

Products

TX Number		Packaging
TX2064	ThermaSeal™ 60 4" x 4" (10 cm x 10 cm)	300 wipers/bag 2 inner bags of 150 wipers; 20 bags/case
TX2069	ThermaSeal™ 60 9" x 9" (23 cm x 23 cm)	150 wipers/bag 2 inner bags of 75 wipers; 10 bags/case



North America
1210 South Park Drive
Kernersville, NC 27284
Tel (800) TEXWIPE
(336) 996-7046
Fax (336) 996-2297
www.texwipe.com
info@texwipe.com

Europe/Middle East
Skejby Nordlandsvej 307
DK-8200 Aarhus N
Denmark
Tel +45 87 400 220
Fax +45 87 400 222

Asia/Pacific
50 Tagore Lane
#02-01 Entrepreneur Centre
Singapore 787494
Tel +65 6468 9433
Fax +65 6468 6772

ThermaSeal™ 60 Wipers

TX2064 TX2069

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	122 g/m ²	1, TM20
Absorbency		
Sorptive capacity	350 mL/m ²	1, TM20
Sorptive rate	0.5 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	3.5 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	3.1 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 µm	106,000 particles/m ²	1, 2, TM22
Fibers: >100 µm	600 fibers/m ²	1, 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

Note: The data in this table represent typical analyses of these wipers at the time of publication. These are not specifications. ITW Texwipe continually refines both its processes and its products.

*Test Methods

- 1 – “Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments,” IEST-RP-CC 004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL 2004; www.iest.org.
 - 2 – “Standard Method for Size-Differentiated Counting of Particles and Fibers Released from Clean Room Wipers Using Optical and Scanning Electron Microscopy,” E2090-00, ASTM International, West Conshohocken, PA, 2000; www.astm.org.
- TM – Refers to ITW Texwipe Test Method — available upon request, contact ITW Texwipe Customer Service at www.texwipe.com for a copy.

ITW Texwipe is the only wiper company to be ISO 9001:2000, 13485:2003, 14001:2004 and OHSAS 18001:1999 registered.