

ThermaSeal™ 60 Wipers

ThermaSeal 60 wipers offer quality, low cost and value



Description

ThermaSeal™ 60 wipers are hot-cut polyester wipers for all-purpose cleaning in critical cleanroom environments. They feature thermally sealed edges for fiber control at an economical cost.

ThermaSeal™ 60 wipers are produced and packaged in a state-of-the-art ISO Class 4 cleanroom environment.

Features

- Thermally sealed edges for fiber control
- Laundered and packaged in an ISO Class 4 cleanroom environment
- 100% continuous-filament, double-knit polyester fabric
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Good absorbency, wiping efficiency and abrasion resistance
- Low cost per wiper

Applications

Designed for ISO Class 3-5 cleanrooms applications:

- General wiping where contamination control is of paramount importance

Products

TX Number		Packaging
TX2069	ThermaSeal™ 60 9" x 9" nominal (23 cm x 23 cm)	150 wipers/bag 2 inner bags of 75 wipers; 10 bags/case
TX2069B	ThermaSeal™ 60 9" x 9" nominal (23 cm x 23 cm)	150 wipers/bulk packed 2 inner bags of 75 wipers; 10 bags/case
TX2066	ThermaSeal™ 60 6" x 6" nominal (15 cm x 15 cm)	300 wipers/bag 2 inner bags of 150 wipers; 20 bags/case
TX2066B	ThermaSeal™ 60 6" x 6" nominal (15 cm x 15 cm)	300 wipers/bag bulk packed; 20 bags/case
TX2064	ThermaSeal™ 60 4" x 4" nominal (10 cm x 10 cm)	300 wipers/bag 2 inner bags of 150 wipers; 20 bags/case
TX2064B	ThermaSeal™ 60 4" x 4" nominal (10 cm x 10 cm)	600 wipers/bag bulk packed; 10 bags/case

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ThermaSeal™ 60 Wipers

TX2064 TX2064B TX2066 TX2066B TX2069 TX2069B

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	122 g/m ²	1, TM2
Absorbency		
Sorptive capacity	350 mL/m ²	1, TM3
Sorptive rate	0.5 seconds	1, TM3

Contamination Characteristics

Property	Typical Value	Test Method*
Particles and fibers		
Particles 0.5-5.0 µm	10 x 10 ⁶ particles/m ²	1, 2, TM15
5.0-100 µm	200,000 particles/m ²	1, 2, TM15
Fibers: >100 µm	600 fibers/m ²	1, 2, TM15
Nonvolatile residue		
IPA extractant	0.06 g/m ²	1, TM1
DIW extractant	0.02 g/m ²	1, TM1
Ions		
Sodium	0.20 ppm	1, TM18
Potassium	BDL**	1, TM18
Chloride	BDL**	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.

**BDL = Below Detection Limits

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



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