

# TexWipe® Wipers

Tight-weave construction and bias cut enhance the effectiveness of this 100% cotton wiper



## Description

TexWipe® is a strong, double-sided twill-pattern cotton wiper woven in a cross section of 118 x 60 threads per square inch. The product is manufactured with long staple cotton yarn to eliminate free-floating fibers on fabric surface.

## Features

- 100% cotton
- Bias cut and tight weave construction (118 x 60 threads per square inch)
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Autoclavable
- High temperature tolerance

## Benefits

- Provides durability, high absorbency and heat resistance
- Minimizes cleanroom contamination with low-lint surface and edges protected by our ULP treatment
- Dissipative performance in 40–60% RH environments guards against static discharge
- Excellent resistance to buildup of electrostatic discharge

## Applications

- Cleaning, polishing and burnishing of metallic and nonmetallic magnetic media disk surfaces
- Cleaning diffusion furnace equipment in water fabrication and other equipment in areas where high temperatures prevent the use of synthetic wipers
- Removing aqueous and organic solvent spills

## Products

TX Number	Description	Packaging
<b>TX304</b>	TexWipe® 4" x 4" (10 cm x 10 cm) cotton wipers	1,200 wipers/bag, 4 inner bags of 300 wipers; 10 bags/case
<b>TX306</b>	TexWipe® 6" x 6" (15 cm x 15 cm) cotton wipers	600 wipers/bag, 2 inner bags of 300 wipers; 10 bags/case
<b>TX309</b>	TexWipe® 9" x 9" (23 cm x 23 cm) cotton wipers	300 wipers/bag, 2 inner bags of 150 wipers; 10 bags/case
<b>TX312</b>	TexWipe® 12" x 12" (31 cm x 31 cm) cotton wipers	150 wipers/bag, double bagged; 10 bags/case
<b>TX318</b>	TexWipe® 17" x 17" (43 cm x 43 cm) cotton wipers	75 wipers/bag, double bagged; 10 bags/case

Also available in tape rolls of various widths and lengths. Contact ITW Texwipe for custom size requirements.



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# TexWipe® Wipers

TX304 TX306 TX307 TX309 TX312 TX318

## Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	184 g/m <sup>2</sup>	1, TM20
Absorbency		
Sorptive capacity	250 mL/m <sup>2</sup>	1, TM20
Sorptive rate	5 seconds	1, TM20

## Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	38.3 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	75 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM22
5.0-100 µm	6,000,000 particles/m <sup>2</sup>	1, 2, TM22
Fibers: > 100 µm	46,000 fibers/m <sup>2</sup>	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.28 g/m <sup>2</sup>	1, TM1
DIW extractant	0.16 g/m <sup>2</sup>	1, TM1
Ions		
Sodium	35 ppm	1, TM18
Potassium	1.0 ppm	1, TM18
Chloride	2.5 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-PP-CC 004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL 2004; [www.iest.org](http://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](http://www.astm.org).
- TM – Refers to ITW Texwipe Test Method — available upon request, contact ITW Texwipe Customer Service at [www.texwipe.com](http://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.

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