

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
TX304	TexWipe® 4" x 4" (10 cm x 10 cm) cotton wipers	1,200 wipers/bag, 4 inner bags of 300 wipers; 10 bags/case
TX306	TexWipe® 6" x 6" (15 cm x 15 cm) cotton wipers	600 wipers/bag, 2 inner bags of 300 wipers; 10 bags/case
TX309	TexWipe® 9" x 9" (23 cm x 23 cm) cotton wipers	300 wipers/bag, 2 inner bags of 150 wipers; 10 bags/case
TX312	TexWipe® 12" x 12" (31 cm x 31 cm) cotton wipers	150 wipers/bag, double bagged; 10 bags/case
TX318	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.



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

TexWipe® Wipers

TX304 TX306 TX307 TX309 TX312 TX318

Performance Characteristics

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

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	38.3 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	75 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 µm	6,000,000 particles/m ²	1, 2, TM22
Fibers: >100 µm	46,000 fibers/m ²	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.28 g/m ²	1, TM1
DIW extractant	0.16 g/m ²	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-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.