

# TexTra™

Economical, highly absorbent  
cleanroom wiper



## Applications

TexTra wipers are designed for ISO Class 5+ controlled environments.

- Applying and removing cleaning or disinfecting solutions
- Rigorous wiping
- General purpose wiper and spill control for ISO Class 5+ environments
- Cleanroom sorptive work surface
- Device or component protection

## Description

TexTra™ wipers are economical, thick, cleanroom polyester knit wipers. These single-ply wipers have the liquid-holding capacity of two-ply wipers. TexTra combines this high absorbency with great abrasion resistance.

TexTra wipers are standard-edge polyester knit 12"x12" wipers. They are compatible with cleaning chemicals, isopropanol, acids, organic solvents, and standard disinfectant solutions. They have good abrasion resistance and can be autoclaved for sterile or aseptic environments.

## Features

- Single-ply, heavyweight, economical 12"x12" wiper
- Absorbency and liquid holding capacity of a two-ply wiper
- Good abrasion resistance
- Tight knit to prevent snagging on edges and surface imperfections
- Cleanroom-laundered and packaged
  - High purity — low levels of releasable particles, ions and non-volatile residue (NVR)
  - SolventSafe Bag-Within-A-Bag® cleanroom packaging
- 100% continuous-filament double-knit polyester
- Compatible with most standard chemicals, disinfectants and cleaning solutions
- Autoclavable

## Benefits

- Lower price and lower in-use cost
  - This one-ply wiper can replace two-ply wipers one-for-one at a much lower price.
- Polyester fabric withstands exposure to commonly used cleaning and disinfecting solutions such as bleaches, phenols and quaternary ammonium compounds
- Large wiper size and liquid capacity simplify the application of large volumes of cleaning and disinfecting solutions
- Superior strength allows for rigorous wiping
- Lot-to-lot traceability

## Products

TX Number	Description	Packaging
<b>TX2424</b>	TexTra™ 12" x 12" nominal (31 cm x 31 cm) polyester wipers	100 wipers/bag, 2 inner bags of 50 wipers; 8 bags/case

**ITW Texwipe®**

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**Performance Characteristics**

Property	Typical Value	Test Method*
Basis weight	233 g/m <sup>2</sup>	1, TM20
Absorbency		
Sorptive capacity	600 mL/m <sup>2</sup>	1, TM20
Sorptive rate	0.3 seconds	1, TM20

**Contamination Characteristics**

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	5.5 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM22
Particles and fibers		
Particles 0.5–5.0 µm	15 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM22
5.0–100 µm	182,000 particles/m <sup>2</sup>	1, 2, TM22
Fibers: >100 µm	500 fibers/m <sup>2</sup>	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.04 g/m <sup>2</sup>	1, TM1
DIW extractant	0.01 g/m <sup>2</sup>	1, TM1
Ions		
Sodium	0.15 ppm	1, TM18
Potassium	0.15 ppm	1, TM18
Chloride	0.10 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](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.*