

# BlueWipe® Wipers

Hydroentangled cellulose/polyester-blend wiper indicates exposure to liquid



## Description

BlueWipe® wipers are constructed from a nonwoven blend of 55% cellulose and 45% polyester that offers both durability and absorbency. The blue tint indicates exposure to liquid. With its low particle counts, low extractable levels and solvent compatibility, BlueWipe® is a good choice for general wiping and spill control.

## Features

- Fiber blend (55% cellulose and 45% polyester)
- Convenient C-fold packaging for quick, easy access
- Statistical quality control

## Benefits

- Provides excellent durability and high absorbency with unique cellulose/polyester blend
- Prevents product and cleanroom contamination with low levels of particles and extractables
- Indicates exposure to liquids via blue color
- Provides abrasion-free surface for inspection of transparent surfaces
- Lot-to-lot traceability

## Applications

- Effective multipurpose wiper to be used where superior strength and absorbency are required
- Color indication feature is ideal for alerting the user to dangerous spills
- ISO Class 6–7 environments

## Products

TX Number	Description	Packaging
<b>TX512</b>	BlueWipe® 12" x 12" (31 cm x 31 cm) cellulose/polyester-blend, C-folded wipers with color indication feature	50 wipers/bag; 10 bags/case



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# BlueWipe® Wipers

TX512

## Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	70 g/m <sup>2</sup>	1, TM20
Absorbency		
Sorptive capacity	280 mL/m <sup>2</sup>	1, TM20
Sorptive rate	4 seconds	1, TM20

## Contamination Characteristics

Property	Typical Value	Test Method*
Particles and fibers		
Particles 0.5-5.0 µm	200 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM22
5.0-100 µm	4,000,000 particles/m <sup>2</sup>	1, 2, TM22
Fibers: >100 µm	140,000 fibers/m <sup>2</sup>	1, 2, TM22
Nonvolatile residue (TM1)		
IPA extractant	0.03 g/m <sup>2</sup>	1, TM1
DIW extractant	0.07 g/m <sup>2</sup>	1, TM1
Ions (TM12)		
Sodium	10.0 ppm	1, TM18
Potassium	2.0 ppm	1, TM18
Chloride	13.0 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.*