

# FoamWipe™ Wipers

Open-cell polyurethane foam wipers



## Description

FoamWipe™ is made from open-cell, 100 pore-per-inch polyurethane foam. Each wiper is precision cut for low particle generation. FoamWipe™ is an excellent replacement for cellulose sponges in critical environments. This wiper can also be used as a soft and nonabrasive work surface. FoamWipe™ is silicone free and double-bagged packaged for use in cleanroom environments.

## Benefits

- Provides low particle generation
- Excellent solvent capacity and hold with fully reticulated polyurethane foam construction

## Applications

- For use in cleanroom maintenance and assembly operations
- Cleaning with IPA and other solvents
- Padded work surface
- Ideal for applying cleaning solutions to large surfaces

## Products

TX Number	Description	Packaging
<b>TX704</b>	6" x 9" x 1/8" wipers (15 cm x 23 cm x 3 mm)	60 wipers/bag, double bagged; 8 bags/case

Texwipe can manufacture custom sizes of FoamWipe™



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# FoamWipe™ Wipers

TX704

## Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	105 g/m <sup>2</sup>	1, TM2
Absorbency		
Sorptive capacity	625 mL/m <sup>2</sup>	1, TM3
Sorptive rate	3.9 seconds <sup>†</sup>	1, TM3

## Contamination Characteristics

Property	Typical Value	Test Method*
Particles and fibers		
Particles 0.5–5.0 µm	32 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM15
5.0–100 µm	1,000,000 particles/m <sup>2</sup>	1, 2, TM15
Fibers > 100 µm	18,600 fibers/m <sup>2</sup>	1, 2, TM15
Nonvolatile residue		
IPA extractant	1.5 g/m <sup>2</sup>	1, TM1
DIW extractant	0.9 g/m <sup>2</sup>	1, TM1
Ions		
Sodium	4.6 ppm	1, TM18
Potassium	2.1 ppm	1, TM18
Chloride	23 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.

<sup>†</sup>Absorbency rate test performed using IPA.