

# SterileWipe™ LP 10

Knitted polyester wiper with sealed borders for critical sterile environments



## Description

SterileWipe™ LP 10 is a 100% continuous-filament polyester wiper with thermally sealed borders that have been designed to control particle and fiber contamination. Each package is gamma irradiated to 10<sup>-6</sup> Sterility Assurance Level.

SterileWipe™ LP 10 is used to clean critical sterile environments such as pharmaceutical aseptic fill areas, biotechnology manufacturing facilities, microbiological laboratories, sterile suites and prep rooms.

## Features

- Gamma irradiated to 10<sup>-6</sup> Sterility Assurance Level, according to AAMI Guidelines
- Lot-specific information on each shipment simplifies record keeping:
  - Certificate of Processing confirming radiation dosage
  - Certification of Compliance
  - Expiration date marked on each package
- Cleanroom-laundered 100% polyester knit with thermally sealed borders
- Independent quality control audits for sterility assurance

## Benefits

- Withstands exposure to common cleaning and disinfecting solutions including bleaches, phenols and quaternary ammonium compounds
- Extremely low levels of releasable particles and fibers consistent with requirements for sterile Class 100 cleanroom environments
- Packaging permits alcohol wipedown of exterior bag before introduction of the inner bag into sterile suites
- Superior strength allows for rigorous wiping with minimal release of fibers and particles
- Wiper glides smoothly over surfaces
- Assures quality of individual lots and lot-to-lot traceability

## Applications

- Developed to clean sterile environments without compromising the sterile nature of those environments
- Designed for cleaning and polishing equipment and environmental surfaces during and following the production flow
- Ideal for applying cleaning, sterilizing and disinfecting solutions

## Products

TX Number	Description	Packaging
<b>TX3212</b>	SterileWipe™ LP 10 12" x 12" nominal (31 cm x 31 cm) polyester knit wipers with sealed edges	100 wipers/bag 5 inner bags of 20 wipers; 5 bags/case

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# SterileWipe™ LP 10

TX3212

## Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	131 g/m <sup>2</sup>	1, TM2
Absorbency		
Sorptive capacity	300 mL/m <sup>2</sup>	1, TM3
Sorptive rate	5.1 seconds	1, TM3

## Contamination Characteristics

Property	Typical Value	Test Method*
Particles and fibers		
Particles 0.5-5.0 µm	5 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM15
5.0-100 µm	220,000 particles/m <sup>2</sup>	1, 2, TM15
Fibers: >100 µm	120 fibers/m <sup>2</sup>	1, 2, TM15
Nonvolatile residue		
IPA extractant	0.06 g/m <sup>2</sup>	1, TM1
DIW extractant	0.02 g/m <sup>2</sup>	1, TM1
Ions		
Sodium	0.25 ppm	1, TM18
Potassium	0.08 ppm	1, TM18
Chloride	0.05 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.*