

SterileWipe™ HS II

Absorbent cellulose/polyester wiper for sterile environments



Description

SterileWipe™ HS II is a nonwoven cellulose/polyester-blend wiper offering both durability and absorbency. Each package is gamma irradiated to 10⁻⁶ Sterility Assurance Level. SterileWipe™ HS II is an excellent general-purpose sterile wiper in areas where economy and cleanliness are of critical importance. It offers an efficient balance of low particle counts, low extractables, adsorbency and good solvent compatibility.

Features

- Gamma irradiated to 10⁻⁶ 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
- Hydroentangled and binder-free wiper
- High sorbency and strength
- Low solvent extractable levels
- Independent quality control audits for sterility assurance

Benefits

- Meets FDA Guideline for medical device bacterial endotoxin limit of not more than 20 EU/device
- Chemically resistant to withstand exposure to common cleaning and disinfecting solutions, such as bleaches, phenols and quaternary ammonium compounds
- Assures microbiological control in aseptic environments
- Packaging permits alcohol wipedown of exterior bag before introduction of the inner bag into sterile suites
- Assures quality of individual lots and lot-to-lot traceability
- Economical sterile wiper

Applications

- Superior for spill control
- Designed for cleaning and polishing equipment and environmental surfaces during and following production flow
- Ideal for wipedowns in sterile gowning rooms

Products

TX Number	Description	Packaging
TX3210	SterileWipe™ HS II 12" x 12" (31 cm x 31 cm) cellulose/polyester-blend wipes	100 wipers/bag, 5 inner bags of 20 wipers; 5 bags/case



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SterileWipe™ HS II

TX3210

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	69 g/m ²	1, TM20
Absorbency		
Sorptive capacity	320 mL/m ²	1, TM20
Sorptive rate	<0.3 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	80 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	28 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 µm	1,150,000 particles/m ²	1, 2, TM22
Fibers: >100 µm	70,000 fibers/m ²	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.01 g/m ²	1, TM1
DIW extractant	0.03 g/m ²	1, TM1

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.