

Pharmacy Cleanroom Wiper Perfwipe SSPHW-SN1 Series Sterile Cleanroom Wiper Specification



Validated sterile according to ISO11137 guidelines.

Meets international standards ISO11137:2013.

Sterilized by Cobalt 60 gamma irradiation to a Sterility Assurance Level of 10⁶.

Certificates of Sterility, Certificate of Assurance issued with each case .

Three-year shelf life, expiration date on each outer pack and case.

Description

Perfwipe SSPHW-SN1 Series sterile wipers are fabricated from a hydroentangled nonwoven blend of 55% cellulose and 45% polyester. This fabric blend combines the highly absorbent properties of a natural fiber with the cleanliness and strength of a synthetic wiper. With its low particle counts, low extractable levels and solvent compatibility.

Applications

Ideal for applications where high absorbency and low extractables are prime considerations.

Excellent chemical resistance for compatibility with a variety of solutions.

Suitable for cleaning Pharmaceutical, Medical device, Biologics, Compounding pharmacies, Microelectronics, Semiconductors, Laboratory and lab apparatus.

Features & Benefits

Constructed from 45% polyester / 55% cellulose nonwoven creating a durable wiper ideal for spill control, cleaning, and solution application

Manufactured to provide low levels of particles and extractables creating a wiper suitable for general cleaning and wiping.

Excellent chemical resistance for compatibility with a variety of solutions.

Contains no chemical binders

Low extractable levels

Performance Characteristics

Property	Typical Value	Test Method
Basis weight	69 g/m ²	1, TM20
Absorbency		
Sorptive capacity	360 mL/m ₂	1, TM20
Sorptive rate	<0.3 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method
LPC ≥ 0.5 μm	72 x 10 ⁶ particles/m ²	1, TM22
Particles and Fibers		
Particles 0.5-5.0 μm	20 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 μm	997,000 particles/m ²	1, 2, TM22
Fibers: >100 μm	55,000 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
Ions		
Sodium	34 ppm	1, TM18
Potassium	1.0 ppm	1, TM18
Chloride	16 ppm	1, TM18

Order Information

Code	Size	Packaging
SSPHW-SN1-112S	12"x12" (30 x 30cm)	10 wipes per inner bag, 5 inner bags per outer bag, additional clear bag per outer bag, 10 outer bags per case (500 wipes total)

Cleanroom Environment

ISO: 5/6/7/8
GMP: B/C/D

Note: The data in this table represents typical analysis of these wipers at the time of publication. Smartet Technology the manufacturer of Perfwipe wipers continually refines both its processes and its products.