

# TekniZorb® Cleanroom Wipers

*Polyester/Cellulose Non-Woven, Blue*

TekniZorb® wipers are made in cleanroom conditions from a **55% Polyester/45% Cellulose** and offer great absorbency and cleaning capabilities for cleaning critical environments. The Polyester/Cellulose material for these products has a light blue color.

## Applications:

- General wiping and cleaning surfaces, equipment and parts in high-grade cleanroom environments
- Wiping parts and products before entering cleanroom
- Precleaning before disinfectant application, removing residues
- Lining trays, covering parts and equipment
- Spill control

## Features and Benefits:

- Highly absorbent and durable wipers are ideal for spill control and cleaning applications
- TekniZorb® wipers provide low levels of particles and fibers, NVR and ions and are suitable for use in most critical cleanroom environments
- Excellent chemical compatibility with a variety of cleaning and disinfecting solutions



## Industries:

- Pharmaceutical / Biologics
- Medical Device / Optics
- Semiconductor / Microelectronics
- Laboratories / Academia
- Aerospace / Defense
- USP <797> / USP <800>

## Cleanroom Environment:

- ISO Class 5 –8 (Grades B-D)
- Class 100 – 100,000

## Storage Conditions:

- Store at ambient conditions (59°F (15°C) - 86°F (30°C))

# TekniZorb®

## Cleanroom Wipers

*Polyester/Cellulose Non-Woven*

### TekniZorb® (Nonwoven Polyester/Cellulose)

Part Number	Description	Packaging
<b>TZ1PCS1B-99</b>	Polyester/Cellulose Nonwoven Wiper, Blue, 9"x9" (23 cm x 23 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
<b>TZ1PCS1B-12</b>	Polyester/Cellulose Nonwoven Wiper, Blue, 12"x12" (30 cm x 30 cm)	150/Pack (2 bags of 75), 10 Packs/case, Total 1500 wipes/case

Performance characteristics	Target Value	Test Method
<b>Particles and Fibers</b>		
LPC >0.50 µm	44.6 x 10 <sup>6</sup> particles/m <sup>2</sup>	IEST-RP-CC004.4, Section 7.2.1
Fibers >100 µm	112 fibers/m <sup>2</sup>	IEST-RP-CC004.4, Section 7.2.2
<b>Nonvolatile residue</b>		
IPA Extractant	0.005 g/m <sup>2</sup>	IEST-RP-CC004.4
DI Water extractant	0.043 g/m <sup>2</sup>	
<b>Extractable Ions</b>		
Sodium (Na <sup>+</sup> )	15 ppm	IEST-RP-CC004.4, Section 8.2.2
Potassium(K <sup>+</sup> )	15.9 ppm	
Chloride (Cl <sup>-</sup> )	15.3 ppm	
<b>Physical Characteristics</b>		
Material	55% Polyester/45% Cellulose	ASTM D3776
Basis Weight	68 g/m <sup>2</sup>	
<b>Absorbency</b>		
Sorptive capacity	333 ml/m <sup>2</sup>	IEST-RP-CC004.4, Section 9.1
Sorptive rate	0.4 second	