

PolyZorb™ Cleanroom Wipers

Polyester Non-Woven

PolyZorb™ wipers are made in cleanroom conditions from a **100% polyester nonwoven** material and offer softness and great cleaning capabilities for cleaning critical environments.

Applications:

- General wiping and cleaning surfaces, equipment and parts in high-grade cleanroom environments
- Wiping and cleaning sensitive surfaces and parts, such as lenses, sensors and other optics
- Wiping parts and products before entering cleanroom
- Precleaning before disinfectant application, removing residues

Features and Benefits:

- Soft polyester nonwoven material is ideal for cleaning sensitive surfaces in cleanroom environments
- These 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:

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

Cleanroom Environment:

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

PolyZorb™

Cleanroom Wipers

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Part Number	Description	Packaging
TZ1NWP-99	100% Polyester Nonwoven Wiper, 9"x 9" (23 cm x 23 cm)	150 wipes/bag, 10 bags/case, Total 1500 wipes/case

Performance Characteristics	Typical Value	Test Method
Particles and Fibers		
LPC >0.50 µm	3.5 x 10 ⁶ particles/m ²	IENT-RP-CC004.4, Section 7.2.1
Fibers >100 µm	21500 fibers/m ²	IENT-RP-CC004.4, Section 7.2.2
Nonvolatile Residue		
IPA Extractant	0.019 g/m ²	IENT-RP-CC004.4
DI Water Extractant	0.006 g/m ²	
Extractable Ions		
Sodium (Na ⁺)	7.3 ppm	IENT-RP-CC004.4, Section 8.2.2
Potassium(K ⁺)	4.2 ppm	
Chloride (Cl ⁻)	5.9 ppm	
Physical Characteristics		
Material	100% Polyester	ASTM D3776
Basis Weight	65 g/m ²	
Absorbency		
Sorptive Capacity	260 ml/m ²	IENT-RP-CC004.4, Section 9.1
Sorptive Rate	<1 second	