Teknipure®

Teknipure.com

PolyZorb™ Cleanroom Wipers

Polyester Non-Woven

100% POLYESTER

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

Storage Conditions:

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

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