Teknipure®

Teknipure.com

TekniZorb®
Cleanroom Wipers

Polyester/Cellulose Non-Woven

TekniZorb® wipers are made in cleanroom conditions from a **55% Polyester/45% Cellulose** and offer great absorbency and cleaning capabilities for cleaning critical environments.

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

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

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