

Teknipure®

Teknipure.com

TekniZorb® Cleanroom Wipers

Polyester/Cellulose Non-Woven

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

Teknipure offers dry TekniZorb® nonwoven wipers, sterile and non-sterile, as well as pre-saturated with 6%, 70% and 96% IPA (TekniZorb® Presat).

Applications:

- Spill control
- 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

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
- Pre-saturated wipers provide consistent wetness level for optimized and consistent cleaning efficiency
- The IPA used for pre-saturation, is 0.2 µm filtered for additional contamination control
- Products are pre-saturated with either USP-Grade or Semiconductor-Grade IPA
- Sterile products are validated to a sterility assurance level of 10⁻⁶ according to AAMI guidelines

Shelf Life:

- Dry Non-Sterile – 5 years from date of manufacture
- All Presaturated and Sterile – 3 years from date of manufacture



AVAILABLE
IN STERILE

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))



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TekniZorb®		
Part Number	Description	Packaging
TZ1PCS1-44	Polyester/Cellulose Nonwoven Wiper 4"x4" (10 cm x 10 cm)	1200 wipes/bag, 10 bags/case, Total 12000 wipes/case
TZ1PCS1-44 (150)	Polyester/Cellulose Nonwoven Wiper 4"x4" (10 cm x 10 cm)	600/pack (4 bags of 150), 20 packs/case, Total 12000 wipes/case
TZ1PCS1-77	Polyester/Cellulose Nonwoven Wiper 7"x7" (18 cm x 18 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
TZ1PCS1-99	Polyester/Cellulose Nonwoven Wiper 9"x9" (23 cm x 23 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
TZ1PCS1-12	Polyester/Cellulose Nonwoven Wiper 12"x12" (30 cm x 30 cm)	150 wipes/bag, 10 bags/case, Total 1500 wipes/case
TZ1PCS1-18	Polyester/Cellulose Nonwoven Wiper, 18"x18" (46 cm x 46 cm)	75 wipes/bag, 10 bags/case, Total 750 wipes/case
TZ1PCS1-24	Polyester/Cellulose Nonwoven Wiper, 24"x24" (61 cm x 61 cm)	50 wipes/bag, 10 bags/case, Total 500 wipes/case
TZ1PCS1-257	Polyester/Cellulose Nonwoven Wiper, 25" X 7" (64 cm x 18 cm)	50 wipes/bag, 20 bags/case, Total 1000 wipes/case
TZ1PCS1-2436	Polyester/Cellulose Nonwoven Wiper, 24" x 36" (61 cm x 91 cm)	100 wipes/bag, 5 bags/case, Total 500 wipes/case
TZ1PCS1-3636	Polyester/Cellulose Nonwoven Wiper, 36"x36" (91 cm x 91 cm)	25 wipes/bag, 12 bags/case, Total 300 wipes/case
TZ1PCS1-3648	Polyester/Cellulose Nonwoven Wiper, 36"x48" (91 cm x 122 cm)	25 wipes/bag, 5 bags/case, Total 125 wipes/case
TZ1PCS2-44	Polyester/Cellulose Nonwoven Wiper, LW, 4"x4" (10 cm x 10 cm)	1200 wipes/bag, 10 bags/case, Total 12000 wipes/case
TZ1PCS2-99	Polyester/Cellulose Nonwoven Wiper, LW, 9"x9" (23 cm x 23 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
TZ1PCS2-12	Polyester/Cellulose Nonwoven Wiper, LW, 12"x12" (30 cm x 30 cm)	150 wipes/bag, 10 bags/case, Total 1500 wipes/case
TZ1PCS2PB-99	Polyester/Cellulose Nonwoven Wiper, LW, 9"x9" (23 cm x 23 cm)	50 wipes/stack, 48 stacks/case, Total 2400 wipes/case
TZ199S	Sterile Polyester/Cellulose Nonwoven Wiper, 9" x 9" (23 cm x 23 cm)	200 wipes/pack (2 bags of 100), 15 packs/case, Total 3000 wipes/case
TZ112S	Sterile Polyester/Cellulose Nonwoven Wiper, 12" x 12" (30 cm x 30 cm)	100 wipes/pack (2 bags of 50), 15 packs/case, Total 1500 wipes/case
TZ112S-25	Sterile Polyester/Cellulose Nonwoven Wiper, 12" x 12" (30 cm x 30 cm)	100 wipes/pack (4 bags of 25), 5 packs/case, Total 500 wipes/case
Rolls		
TZ1PCS1-241000	Polyester/Cellulose Nonwoven Roll, 24"x1000' (61 cm x 305 m)	1 Roll/Bag, 1 Bag/Case
TZ1PCS1-361000	Polyester/Cellulose Nonwoven Roll, 36"x1000' (91 cm x 305 m)	1 Roll/Bag, 1 Bag/Case
TZ1PCS1-361500	Polyester/Cellulose Nonwoven Roll, 36" x 1500' (91 cm x 457 m)	1 Roll/Bag, 1 Bag/Case

TekniZorb® Presat		
Part Number	Description	Packaging
6% IPA/94% DIW		
TSPC06-99*	Polyester/Cellulose Nonwoven Wiper Refill, Presaturated with 6% IPA/94% DIW, 9"x 9" (23 cm x 23 cm)	200 wipes/gusset bag, 4 bags/case, Total 800 wipes/case
70% IPA/30% DIW		
TS1PC70C-69	Polyester/Cellulose Nonwoven Wiper, Presaturated with 70% IPA/4% DIW, 6"x 9" (15 cm x 23 cm)	100 wipes/canister, 12 canisters/case, Total 1200 wipes/case
TS1PCI70-99	Polyester/Cellulose Nonwoven Wiper, Presaturated with 70% IPA/30% DIW, 9"x 9" (23 cm x 23 cm)	30 wipes/peel-and-reseal bag, 24 bags/case, Total 720 wipes/case
TS1PCI70-99/50	Polyester/Cellulose Nonwoven Wiper, Presaturated with 70% IPA/30% DIW, 9"x 9" (23 cm x 23 cm)	50 wipes/peel-and-reseal bag, 24 bags/case, Total 760 wipes/case
TS1PCI70R-99	Polyester/Cellulose Nonwoven Wiper Refill, Presaturated with 70% IPA/30% DIW, 9"x 9" (23 cm x 23 cm)	150 wipes/bag, 8 bags/case, Total 1200 wipes/case
TS1PC70G-99	Polyester/Cellulose Nonwoven Wiper, Presaturated with 70% IPA/30% DIW, 9"x 9" (23 cm x 23 cm)	200 wipes/gusset bag, 4 bags/case, Total 800 wipes/case
TS1PCI70-99S	Sterile Polyester/Cellulose Nonwoven Wiper, Presaturated with 70% IPA/30% DIW, 9"x 9" (23 cm x 23 cm)	30 wipes/peel-and-reseal bag, 24 bags/case, Total 720 wipes/case
TS1PCI70-99S/50	Sterile Polyester/Cellulose Nonwoven Wiper, Presaturated with 70% IPA/30% DIW, 9"x 9" (23 cm x 23 cm)	50 wipes/peel-and-reseal bag, 24 bags/case, Total 1200 wipes/case
96% IPA/4% DIW		
TS1PC96C-69	Polyester/Cellulose Nonwoven Wiper, Presaturated with 96% IPA/4% DIW, 6"x 9" (15 cm x 23 cm)	100 wipers/canister, 12 canisters/case, Total 1200 wipers/case

*Shelf life 13 months

Performance Characteristics	Typical Value		Test Method
	TZ1PCS1 series, sterile, TS1PCI70R-99	TZ1PCS2 series, all presats	
Particles and Fibers			
LPC >0.50 µm	46 x 10 ⁶ particles/m ²	50 x 10 ⁶ particles/m ²	IENT-RP-CC004.4, Section 7.2.1
Fibers >100 µm	<300 fibers/m ²	<300 fibers/m ²	IENT-RP-CC004.4, Section 7.2.2
Nonvolatile Residue			
IPA Extractant	0.006 g/m ²	0.006 g/m ²	IENT-RP-CC004.4
DI Water Extractant	0.07 g/m ²	0.07 g/m ²	
Extractable Ions			
Sodium (Na ⁺)	15 ppm	18 ppm	IENT-RP-CC004.4, Section 8.2.2
Potassium(K ⁺)	5 ppm	10 ppm	
Chloride (Cl ⁻)	11 ppm	15 ppm	
Physical Characteristics			
Material	55% Polyester/ 45% cellulose	55% Polyester/ 45% cellulose	ASTM D3776
Basis Weight	70 g/m ²	55 g/m ²	
Absorbency			
Sorptive Capacity	350 ml/m ²	320 ml/m ²	IENT-RP-CC004.4, Section 9.1
Sorptive Rate	<1 second	<1 second	