

# 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% IPA/94% DI water, 70% IPA/30% DIW and 96% IPA/4% DIW (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

### 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



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### TekniZorb® (Nonwoven Polyester/Cellulose)

Part Number	Description	Packaging
<b>TZ1PCS1-44</b>	Polyester/Cellulose Nonwoven Wiper 4"x4" (10 cm x 10 cm)	1200 wipes/bag, 10 bags/case, Total 12000 wipes/case
<b>TZ1PCS1-44 (150)</b>	Polyester/Cellulose Nonwoven Wiper 4"x4" (10 cm x 10 cm)	150 wipes/bag, 80 bags/case, Total 12000 wipes/case
<b>TZ1PCS1-77</b>	Polyester/Cellulose Nonwoven Wiper 7"x7" (18 cm x 18 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
<b>TZ1PCS1-99</b>	Polyester/Cellulose Nonwoven Wiper 9"x9" (23 cm x 23 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
<b>TZ1PCS1-12</b>	Polyester/Cellulose Nonwoven Wiper 12"x12" (30 cm x 30 cm)	150 wipes/bag, 10 bags/case, Total 1500 wipes/case
<b>TZ1PCS1-18</b>	Polyester/Cellulose Nonwoven Wiper, 18"x18" (46 cm x 46 cm)	75 wipes/bag, 10 bags/case, Total 750 wipes/case
<b>TZ1PCS1-24</b>	Polyester/Cellulose Nonwoven Wiper, 24"x24" (61 cm x 61 cm)	50 wipes/bag, 10 bags/case, Total 500 wipes/case
<b>TZ1PCS1-257</b>	Polyester/Cellulose Nonwoven Wiper, 25" X 7" (64 cm x 18 cm)	50 wipes/bag, 20 bags/case, Total 1000 wipes/case
<b>TZ1PCS1-2436</b>	Polyester/Cellulose Nonwoven Wiper, 24" x 36" (61 cm x 91 cm)	100 wipes/bag, 5 bags/case, Total 500 wipes/case
<b>TZ1PCS1-3636</b>	Polyester/Cellulose Nonwoven Wiper, 36"x36" (91 cm x 91 cm)	25 wipes/bag, 12 bags/case, Total 300 wipes/case
<b>TZ1PCS1-3648</b>	Polyester/Cellulose Nonwoven Wiper, 36"x48" (91 cm x 122 cm)	25 wipes/bag, 5 bags/case, Total 125 wipes/case
<b>TZ1PCS2-44</b>	Polyester/Cellulose Nonwoven Wiper, LW, 4"x4" (10 cm x 10 cm)	1200 wipes/bag, 10 bags/case, Total 12000 wipes/case
<b>TZ1PCS2-99</b>	Polyester/Cellulose Nonwoven Wiper, LW, 9"x9" (23 cm x 23 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/case
<b>TZ1PCS2-12</b>	Polyester/Cellulose Nonwoven Wiper, LW, 12"x12" (30 cm x 30 cm)	150 wipes/bag, 10 bags/case, Total 1500 wipes/case
<b>TZ1PCS2PB-99</b>	Polyester/Cellulose Nonwoven Wiper, LW, 9"x9" (23 cm x 23 cm)	50 wipes/stack, 48 stacks/case, Total 2400 wipes/case
<b>TZ199S</b>	<b>Sterile</b> 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
<b>TZ112S</b>	<b>Sterile</b> 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
<b>TZ112S-25</b>	<b>Sterile</b> 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

**TekniZorb® Presat**

Part Number	Description	Packaging
<b>6% IPA/94% DIW</b>		
<b>TS1PCS26G-99</b>	Polyester/Cellulose Nonwoven Wiper, Presaturated with 6% IPA/94% DIW, 9"x 9" (23 cm x 23 cm)	300 wipes/gusset bag, 3 bags/case, Total 900 wipes/case
<b>TSPC06-99</b>	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
<b>70% IPA/30% DIW</b>		
<b>TS1PC70C-69</b>	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
<b>TS1PCI70-99</b>	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
<b>TS1PCI70-99/50</b>	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
<b>TS1PCI70R-99</b>	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
<b>TS1PC70G-99</b>	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
<b>TS1PCI70-99S</b>	<b>Sterile</b> 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
<b>TS1PCI70-99S/50</b>	<b>Sterile</b> 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
<b>96% IPA/4% DIW</b>		
<b>TS1PC96C-69</b>	Polyester/Cellulose Nonwoven Wiper, Presaturated with 96% IPA/4% DIW, 6"x9" (15 cm x 23 cm)	100 wipers/canister, 12 canisters/case, Total 1200 wipers/case
<b>Rolls</b>		
<b>TZ1PCS1-241000</b>	Polyester/Cellulose Nonwoven Roll, 24"x1000' (61 cm x 305 m)	1 Roll/Bag, 1 Bag/Case
<b>TZ1PCS1-361000</b>	Polyester/Cellulose Nonwoven Roll, 36"x1000' (91 cm x 305 m)	1 Roll/Bag, 1 Bag/Case
<b>TZ1PCS1-361500</b>	Polyester/Cellulose Nonwoven Roll, 36" x 1500' (12 cm x 457 m)	1 Roll/Bag, 1 Bag/Case
<b>Performance Characteristics</b>		
<b>Particles and Fibers</b>		
LPC >0.50 µm	$49.8 \times 10^6$ particles/m <sup>2</sup>	IEST-RP-CC004.4, Section 7.2.1
Fibers >100 µm	36,200 fibers/m <sup>2</sup>	IEST-RP-CC004.4, Section 7.2.2
<b>Nonvolatile Residue</b>		
IPA Extractant	$\leq 0.005$ g/m <sup>2</sup>	
DI Water Extractant	$\leq 0.05$ g/m <sup>2</sup>	IEST-RP-CC004.4
<b>Extractable Ions</b>		
Sodium (Na <sup>+</sup> )	$\leq 15$ ppm	
Potassium(K <sup>+</sup> )	$\leq 5$ ppm	IEST-RP-CC004.4, Section 8.2.2
Chloride (Cl <sup>-</sup> )	$\leq 11$ ppm	
<b>Physical Characteristics</b>		
Material	55% Polyester/45% cellulose	
Basis Weight	70 g/m <sup>2</sup>	ASTM D3776
<b>Absorbency</b>		
Sorptive Capacity	376 ml/m <sup>2</sup>	
Sorptive Rate	0.4 second	IEST-RP-CC004.4, Section 9.1