

Teknipure®

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# TekniPolyPro™ Cleanroom Wipers

*Melt-Blown Polypropylene*

TekniPolyPro™ wipers are made in cleanroom conditions from a 100% melt-blown polypropylene and offer softness, durability and great cleaning capabilities.

## Applications:

- General wiping and cleaning surfaces, equipment and parts
- Wiping products before entering cleanroom
- Pre-cleaning before disinfectant application
- Applying and removing solvents and solutions including disinfectants, lubricants, adhesives, removing residues

## Features and Benefits:

- Low levels of particles, fibers, NVR and ions
- 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
- Pre-saturated with USP-Grade IPA or Semiconductor-Grade IPA, meeting stringent standards for critical environments



## Industries:

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

## Cleanroom Environment:

- ISO Class 5 - 8 (Grade B-D)
- Class 100 - 100,000

## Shelf Life:

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

TekniPolyPro™ (Meltblown Polypropylene)		
Part Number	Description	Packaging
TZ1MPC-99	3-Ply Polypro/PolyCell Composite Wiper, 9"x9" (23 cm x 23 cm)	150 wipes/bag, 8 bags/case, Total 1200 wipes/case

TekniPolyPro™ Presat		
Part Number	Description	Packaging
<b>70% IPA/30% DIW</b>		
TS1MPI70-88	Polypropylene Wiper Presaturated with 70% IPA/30% DIW, 8" x 8" (20 cm x 20 cm)	50 wipes/bg, 24 bags/case, Total 1200 wipes/case
TS1MPI70-611	Polypropylene Wiper Presaturated with 70% IPA/30% DIW, 6" x 11" (15 cm x 28 cm)	75/peel-and-reseal bag, 24 bags/case, Total 1800 wipes/case
TS1MPI70-911	Polypropylene Wiper Presaturated with 70% IPA/30% DIW, 9" x 11" (23 cm x 28 cm), Z Fold	50 wipes/bg, 24 bags/case, Total 1200 wipes/case
TS1MPI70-911S	<b>Sterile</b> Polypropylene Wiper Presaturated with 70% IPA/30% DIW, 9" x 11"(23 cm x 28 cm)	50 wipes/bg, 24 bags/case, Total 1200 wipes/case
TS1MPI70-911S/25	<b>Sterile</b> Polypropylene Wiper Presaturated with 70% IPA/30% DIW, 9" x 11"(23 cm x 28 cm)	25 wipes/bg, 24 bags/case, Total 600 wipes/case
<b>85% IPA/15% DIW</b>		
TS1MPI85-911	Polypropylene Wiper Presaturated with 85% IPA/15% DIW, 9" x 11" (23 cm x 28 cm), Z Fold	50 wipes/bg, 24 bags/case, Total 1200 wipes/case
<b>91% IPA/9% DIW</b>		
TS1MP91-911	Polypropylene Wiper Presaturated with 91% IPA/9% DIW, 9" x 11" (23 cm x 28 cm)	50 wipes/bag, 24 bags/Case, Total 1200 wipes/case
<b>100% IPA</b>		
TS1MPI100-911	Polypropylene Wiper Presaturated with 100% IPA, 9" x 11" (23 cm x 28 cm), Z Fold	50 wipes/bg, 24 bags/case, Total 1200 wipes/case

Performance characteristics	Target Value	Test Method
<b>Particles and Fibers</b>		
LPC >0.50 µm	4.64 x 10 <sup>6</sup> particles/m <sup>2</sup>	IEST-RP-CC004.3, Section 6.13
Fibers >100 µm	1590 fibers/m <sup>2</sup>	IEST-RP-CC004.3, Section 6.13
<b>Nonvolatile residue</b>		
IPA Extractant	0.009g/m <sup>2</sup>	IEST-RP-CC004.3
DI Water extractant	0.004 g/m <sup>2</sup>	
<b>Extractable Ions</b>		
Sodium (Na <sup>+</sup> )	0.08 ppm	IEST-RP-CC004.3
Potassium(K <sup>+</sup> )	0.12 ppm	
Chloride (Cl <sup>-</sup> )	0.4 ppm	
<b>Physical Characteristics</b>		
Material	100% Meltblown Polypropylene	ASTM D3776
Basis Weight	35 g/m <sup>2</sup>	
<b>Absorbency</b>		
Sorptive capacity	240 ml/m <sup>2</sup>	IEST-RP-CC004.3, Section 8.1
Sorptive rate	<1 second	