

TekniClean® Pro 2Ply

Cleanroom Wipers

Polyester 2ply Sealed Border

TekniClean® Pro 2Ply is made in the cleanroom environment from **two-ply 100% polyester** material and has a **sealed border** creating a wiper with a highest absorbency and durability vs a single layer polyester wipe.

Applications:

- Spill control applications or when a high absorbency wiper is needed
- Wiping and cleaning surfaces, equipment and parts in high-grade cleanroom environments, when a more cushioned wiping material is needed
- Applying and removing solvents and solutions including disinfectants, lubricants, adhesives, removing residues
- Lining trays for holding, protecting, drying and storing of parts, equipment and devices

Features and Benefits:

- This wiper is made from a double-layer polyester for enhanced absorption capacity and durability for cleaning rough surfaces
- The sealed border provides low levels of particles and fibers and are suitable for use in most critical cleanroom environments
- 100% polyester material has an excellent chemical compatibility with a variety of cleaning and disinfecting solutions
- The double-layer material provides additional cushioning when cleaning surfaces, parts or tools as well as holds more chemicals for solution application purposes



Industries:

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

Cleanroom Environment:

- ISO Class 2 – 7 (Grades A-D)
- Class <1 – 10,000

Shelf Life:

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

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Part Number	Description	Packaging
TC3PB3-99	Polyester Knit 2Ply Wiper with Sealed Border, 9"x 9" (23 cm x 23 cm)	100 wipes/bag (2 inner bags of 50), 8 bags/case, Total 800 wipes/case

Performance Characteristics	Typical Value	Test Method
Particles and Fibers		
LPC >0.50 µm	6 x 10 ⁶ particles/m ²	IEST-RP-CC004.4, Section 7.2.1
Fibers >100 µm	300 fibers/m ²	IEST-RP-CC004.4, Section 7.2.2
Nonvolatile Residue		
IPA Extractant	≤0.05 g/m ²	
DI Water Extractant	≤0.01 g/m ²	IEST-RP-CC004.4
Extractable Ions		
Sodium (Na ⁺)	≤0.05 ppm	
Potassium(K ⁺)	≤0.07 ppm	IEST-RP-CC004.4, Section 8.2.2
Chloride (Cl ⁻)	≤0.02 ppm	
Physical Characteristics		
Material	100% Double-layer Polyester	
Basis Weight	220 g/m ²	ASTM D3776
Absorbency		
Sorptive Capacity	700 ml/m ²	
Sorptive Rate	<1 second	IEST-RP-CC004.4, Section 9.1