

TekniClean® 2Ply Cleanroom Wipers

Polyester 2ply Sealed Edge

TekniClean® 2Ply is made in the cleanroom environment from **two-ply 100% polyester** material and has a **sealed edge**, creating a wiper with a highest absorbency and durability vs a single layer polyester wipe. Available in dry sterile and non-sterile and presaturated with 85% and 100% IPA (TekniClean® 2Ply Presat).

Applications:

- Spill control applications or when a higher 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 edge 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:

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

Cleanroom Environment:

- ISO Class 3 – 8 (Grades A-B)
- 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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TekniClean® 2Ply

Part Number	Description	Packaging
TC2PU3-99	Polyester Knit 2Ply Wiper with Sealed Edge, 9"x 9" (23 cm x 23 cm)	100 wipes/bag (2 inner bags of 50), 8 bags/case, Total 800 wipes/case
TC2PU3-12	Polyester Knit 2Ply Wiper with Sealed Edge, 12"x 12" (30 cm x 30 cm)	100 wipes/bag (2 inner bags of 50), 8 bags/case, Total 800 wipes/case
TC2PU3-18	Polyester Knit 2Ply Wiper with Sealed Edge, 18"x 18" (46 cm x 46 cm)	25 wipes/bag, quarter folded, 10 bags/case, Total 250 wipes/case
TC2PU3-99S	Sterile Polyester Knit 2Ply Wiper with Sealed Edge, 9"x 9" (23 cm x 23 cm)	25 wipes/bag, 20 bags/case, Total 750 wipes/case
TC2PU3-12S	Sterile Polyester Knit 2Ply Wiper with Sealed Edge, 12"x 12" (30 cm x 30 cm)	25 wipes/bag, 20 bags/case, Total 750 wipes/case

TekniClean® 2Ply Presat

Part Number	Description	Packaging
TS2PU385G-12	Polyester Knit 2Ply Wiper with Sealed Edge Presaturated with 85% IPA/15% DIW, 12"x 12" (30 cm x 30 cm)	40 wipes/gusset bag, 4 bags/case, Total 160 wipes/case
TS2QUI100-99	Polyester Knit 2Ply Wiper with Sealed Edge Presaturated with 100% IPA, 9"x9" (23 cm x 23 cm)	100 wipes/pail, 2 pails/case, Total 200 wipes/cs
TS2PU3100G-99	Polyester Knit 2Ply Wiper with Sealed Edge Presaturated with 100% IPA, 9"x9" (23 cm x 23 cm)	50 wipes/slider gusset bag, 10 bags/case, Total 500 wipes/cs

Performance Characteristics	Typical Value	Test Method
Particles and Fibers		
LPC >0.50 µm	7.5 x 10 ⁶ particles/m ²	IEST-RP-CC004.4, Section 7.2.1
Fibers >100 µm	350 fibers/m ²	IEST-RP-CC004.4, Section 7.2.2
Nonvolatile Residue		
IPA Extractant	≤0.05 g/m ²	IEST-RP-CC004.4
DI Water Extractant	≤0.01 g/m ²	
Extractable Ions		
Sodium (Na ⁺)	≤0.06 ppm	IEST-RP-CC004.4, Section 8.2.2
Potassium(K ⁺)	≤0.08 ppm	
Chloride (Cl ⁻)	≤0.03 ppm	
Physical Characteristics		
Material	100% Double-layer Polyester	ASTM D3776
Basis Weight	220 g/m ²	
Absorbency		
Sorptive Capacity	700 ml/m ²	IEST-RP-CC004.4, Section 9.1
Sorptive Rate	<1 second	