



Teknipure.com

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

AVAILABLE
IN STERILE



Flat bag



Slider gusset bag



Pail

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	