

Teknipure®

Teknipure.com

TekniClean® 2Ply Cleanroom Wipers

Polyester Knit 2ply Sealed Edge

TekniClean® 2Ply is made in the cleanroom environment from **two-ply 100% polyester knit** 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
- Pre-saturated wipers provide consistent wetness level for optimized and consistent cleaning efficiency
- The IPA used for pre-saturation, is 0.2 μ m filtered for additional contamination control
- The products are pre-saturated with either USP-Grade IPA or Semiconductor-Grade IPA
- Sterile products are validated to a sterility assurance level of 10^{-6} according to AAMI guidelines

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

Storage Conditions:

- Store at ambient conditions (59°F (15°C) - 86°F (30°C))

TekniClean® 2Ply Cleanroom Wipers

Polyester Knit 2ply Sealed Edge

TekniClean® 2Ply

| Part Number | Description | Packaging |
|-------------|---|---|
| TC2PU3-99 | Polyester Knit 2Ply Wiper with Sealed Edge, 9"x 9" (23 cm x 23 cm) | 100/Pack (2 bags of 50), 8 Packs/Case, Total 800 wipes/case |
| TC2PU3-12 | Polyester Knit 2Ply Wiper with Sealed Edge, 12"x 12" (30 cm x 30 cm) | 100/Pack (2 bags of 50), 8 Packs/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) | 125 wipes/pack (5 bags of 25), 6 packs/case, Total 750 wipes/case |
| TC2PU3-12S | Sterile Polyester Knit 2Ply Wiper with Sealed Edge, 12"x 12" (30 cm x 30 cm) | 100/pack (4 bags of 25), 5 packs/case, Total 500 wipes/case |

TekniClean® 2Ply Presat

| Part Number | Description | Packaging |
|----------------|--|--|
| TS2PU3I85G-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 |
| TS2PU1I00-99 | 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 |
| TS2PU3I100G-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 | |