

Teknipure®

Teknipure.com

TekniClean® Cleanroom Wipers

100% Polyester Knit with a Sealed Edge

TekniClean® wipers are made in cleanroom conditions from **100% polyester knit material** and have a **sealed edge** that reduces particles and fibers release from the wiper edges.

Available dry (TekniClean®) and pre-saturated with 6%, 9%, 70%, and 100% IPA (TekniClean® Presat), sterile and non-sterile.

Applications:

- Wiping and cleaning surfaces, equipment and parts in high-grade cleanroom environments
- Applying and removing solvents and solutions including disinfectants, lubricants, adhesives, removing residues. See the chemical compatibility chart for additional information

Features and Benefits:

- The sealed edge wipers provide 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
- Available in different sizes and packaging configurations to fit a variety of application needs
- Sterile products are validated to a sterility assurance level of 10^{-6} according to AAMI guidelines
- Low Endotoxin wipers provide Endotoxin Level of ≤ 0.25 EU/mL. Each production lot is tested by the LAL essay.

AVAILABLE
IN STERILE
& LOW
ENDOTOXIN



Flat bag

Industries:

- Pharmaceutical / Biologics
- Medical Device / Optics
- Laboratories / Academia
- Semiconductor / Microelectronics
- 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
- Dry Sterile – 3 years from date of manufacture

Storage Conditions:

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

TekniClean®

Part Number	Description	Packaging
TC2PL1-66	Polyester Knit Wiper with Sealed Edge, 6"x 6" (15 cm x 15 cm)	300 wipes/bag, 10 bags/case, Total 3000 wipes/cs
TC2PL1-88B	Polyester Knit Wiper with Sealed Edge, 8"x 8" (20 cm x 20 cm), Bulk Pack	150 wipers/bag, 10 bags/case, Total 1500 wipes/cs
TC2PL1-99	Polyester Knit Wiper with Sealed Edge, 9"x 9" (23 cm x 23 cm)	150/pack (2 bags of 75), 10 packs/case, Total 1500 wipes/cs
TC2PL1-12	Polyester Knit Wiper with Sealed Edge, 12"x 12" (30 cm x 30 cm)	100 wipers/bag, 10 bags/case, Total 1000 wipes/cs
TC1PS1-20	Polyester Knit Wiper with Sealed Edge, 20"x 20" (51 cm x 51 cm)	25 wipers/bag, 4 bags/case, Total 100 wipes/cs
TC1PS1-24	Polyester Knit Wiper with Sealed Edge, 24"x 24" (61 cm x 61 cm)	25 wipers/bag, 4 bags/case, Total 100 wipes/cs
TC1PS2-2443	Polyester Knit Wiper with Sealed Edge, 24"x43" (61 cm x 109 cm)	25 wipes/bag, 6 bags/case, Total 150 wipers/cs
TC2PL1-48	Polyester Knit Wiper with Sealed Edge, 48"x 48" (122 cm x 122 cm)	20 wipers/bag, 5 bags/case, Total 100 wipers/cs
TC2PL1-2444	Polyester Knit Wiper with Sealed Edge, 24"x 44" (61 cm x 112 cm)	10 wipers/bag, 10 bags/case, Total 100 wipes/cs
TC2PL1-99BK	Polyester Inspection Wiper, Black, Sealed Edge, 9"x9" (23 cm x 23 cm)	150 wipers/bag, 10 bags/case, Total 1500 wipes/cs
TC2PL1-3672	Polyester Knit Wiper with Sealed Edge, 36" x 72" (91 cm x 183 cm)	10 wipers/bag, 5 bags/case, Total 500 wipes/cs
TC2PL1-257	Polyester Knit Wiper with Sealed Edge, 25" x 7" (64 cm x 18 cm)	50 wipers/bag, 20 bags/case, Total 1000 wipes/cs
TC2PU1-44	Polyester Knit Wiper with Sealed Edge, 4"x 4" (10cm x 10 cm)	600 wipers/bag (150/inner bag), 10 bags/case, Total 6000 wipes/cs
TC2PU1-99	Polyester Knit Wiper with Sealed Edge, 9"x 9" (23 cm x 23 cm)	100/pack (2 bags of 50), 10 packs/case, Total 1000 wipes/cs
TC2PU1-12	Polyester Knit Wiper with Sealed Edge, 12"x 12" (30 cm x 30 cm)	100/pack (2 bags of 50), 10 packs/case, Total 1000 wipes/cs
TC1PU1-12B	Polyester Knit Wiper with Sealed Edge, Un-Laundered, 12"x12" (30 cm x 30 cm)	250 wipers/bag, 4 bags/case, Total 1000 wipes/cs
TC2PU1-18	Polyester Knit Wiper with Sealed Edge, 18"x 18" (46 cm x 46 cm)	20 wipes/bag, 10 bags/case, Total 200 wipers/cs
TC2PU1-24	Polyester Knit Wiper with Sealed Edge, 24" x 24" (61 cm x 61 cm)	25 wipers/bag, 6 bags/case, Total 150 wipes/cs
TC2PU1-36	Polyester Knit Wiper with Sealed Edge, 36"x 36" (91 cm x 91 cm)	10/pack (2 bags of 5), 10 packs/case, Total 100 wipes/cs
TC2PU1-48	Polyester Knit Wiper with Sealed Edge, 48" x 48" (122 cm x 122 cm)	10/pack (2 bags of 5), 8 packs/case, Total 80 wipes/cs
TC2P99S	Sterile Polyester Knit Wiper with Sealed Edge, 9"x 9" (23 cm x 23 cm)	100/pack (5 bags of 20), 5 packs/case, Total 500 wipes/cs
TC2P12S	Sterile Polyester Knit Wiper with Sealed Edge, 12" x 12" (30 cm x 30 cm)	100/pack (4 bags of 25), 5 packs/case, Total 500 wipes/cs

TekniClean® Heavy Weight

Part Number	Description	Packaging
TC2PU4-1T	Polyester Knit Wiper with Sealed Edge, 1" triangle (2.5 cm)	1000 wipers/bag, 50 bags/case, Total 50000 wipes/cs
TC2PU4-2T	Polyester Knit Wiper with Sealed Edge, 2" triangle (5 cm)	500 wipers/bag, 50 bags/case, Total 25000 wipes/cs
TC2PU4-44	Polyester Knit Wiper with Sealed Edge, HW, 4"x4" (10 cm x 10 cm)	600/bag (4 stacks of 150), 10 bags/case, Total 6000 wipes/cs
TC2PU4-99	Polyester Knit Wiper with Sealed Edge, HW, 9" x 9" (23 cm x 23 cm)	100/Pack (2 bags of 50), 10 packs/case, Total 1000 wipes/cs
TC2PU4-12	Polyester Knit Wiper with Sealed Edge, HW, 12"x12" (30 cm x 30 cm)	100/Pack (2 bags of 50), 10 packs/case, Total 1000 wipes/cs
TC2PU4-932	Polyester Knit Wiper with Sealed Edge, HW, 9" x 32" (23 cm x 81 cm)	20 wipers/bag, 10 bags/case, Total 200 wipes/case

TekniClean® Rolls

Part Number	Description	Packaging
TC2PU2-36600	Polyester Knit Wiper Roll with Sealed edge, PVC Core, Single Bagged, 36" x 600' (91 cm x 183 m)	1 roll per cs
TC2PU2-6500	Polyester Knit Wiper Roll with sealed Edge, 6' x 500' (183 cm x 152 m)	1 roll per cs
TC1PS2-24300	Polyester Knit Wiper Roll with Sealed Edge, 24" x 300' (61cm x 92m)	1 roll per cs
TC1PS2-36300	Polyester Knit Wiper Roll with Sealed Edge, 36" x 300' (91cm x 92m)	1 roll per cs

TekniClean® Low Endotoxin Wipers

Part Number	Description	Packaging
TC2PU1-99LE	Polyester Knit Wiper with Sealed Edge, Low Endotoxin, 9"x9" (23 cm x 23 cm)	100/Pack (2 bags of 50), 10 Packs/Case, Total 1000 wipes/case
TC2P99S-LE	Sterile Polyester Knit Wiper with Sealed Edge, Low endotoxin, 9" x 9" (23 cm x 23 cm)	100/Pack (5 bags of 20), 5 Packs/case, Total 500 wipes/case
TC2P12S-LE	Sterile Polyester Knit Wiper with Sealed Edge, Low endotoxin, 12" x 12" (30 cm x 30 cm)	100/Pack (4 bags of 25), 5 Packs/case, Total 500 wipes/case

Performance Characteristics	Typical Value					Test Method
	TC2PL1, TC2PU1, TC2PU2 series, Sterile and LE	TC1PS1 series	TC1PS2 series	TC2PU4 series	TC2PU1-18 only	
Particles and Fibers						
LPC >0.50 µm	5 x 10 ⁶ particles/m ²	<15 x 10 ⁶ particles/m ²	<11 x 10 ⁶ particles/m ²	5 x 10 ⁶ particles/m ²	8 x 10 ⁶ particles/m ²	IENT-RP-CC004.4, Section 7.2.1
Fibers >100 µm	<300 fibers/m ²	<400 fibers/m ²	<400 fibers/m ²	<300 fibers/m ²	<300 fibers/m ²	IENT-RP-CC004.4, Section 7.2.2
Nonvolatile Residue						
IPA Extractant	≤0.04 g/m ²	0.08 g/m ²	≤0.04 g/m ²	≤0.04 g/m ²	≤0.05 g/m ²	IENT-RP-CC004.4
DI Water Extractant	≤0.01 g/m ²	0.03 g/m ²	≤0.01 g/m ²	≤0.01 g/m ²	≤0.03 g/m ²	
Extractable Ions						
Sodium (Na ⁺)	≤0.2 ppm	<0.2 ppm	<0.2 ppm	≤0.2 ppm	≤0.5 ppm	IENT-RP-CC004.4, Section 8.2.2
Potassium(K ⁺)	≤0.1 ppm	<0.1 ppm	<0.1 ppm	≤0.1 ppm	≤0.5 ppm	
Chloride (Cl ⁻)	≤0.2 ppm	<0.2 ppm	<0.2 ppm	≤0.1 ppm	≤0.5 ppm	
Physical Characteristics						
Material	100% Polyester	100% Polyester	100% Polyester	100% Polyester	100% Polyester	ASTM D3776
Basis Weight	140 g/m ²	140 g/m ²	140 g/m ²	150 g/m ²	135 g/m ²	
Absorbency						
Sorptive Capacity	>400 ml/m ²	>400 ml/m ²	>400 ml/m ²	>400 ml/m ²	>300 ml/m ²	IENT-RP-CC004.4, Section 9.1
Sorptive Rate	<1 second	<1 second	<1 second	<1 second	<3 seconds	