Teknipure®

Teknipure.com

TekniLight™ Cleanroom Wipers

Lightweight Polyester Knit Sealed Edge

TekniLight™ wipers are made in cleanroom conditions from **100% polyester knit** material and have a **sealed edge** for reduced risk of particles and fibers from the wiper edges.

Available dry (TekniLight™), and pre-saturated with 70% and 85% IPA (TekniLight Presat™).

Pail

Flat bag

Self-standing bag

Self-standing bag

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

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
- Pre-saturated wipers provide consistent wetness level for optimized and consistent cleaning efficiency
- The IPA used for pre-saturation, is USP-Grade IPA and 0.2 µm filtered for additional contamination control

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

Storage Conditions:

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

TekniLight™

Part Number	Description	Packaging
TC1PS2-33B	Polyester Knit Wiper with Sealed Edge, Size: 3"x3" (8 cm x 8 cm)	2000 wipes/bag, 10 bags/case, Total 20000 wipers/cs
TC1PS2-66	Polyester Knit Wiper with Sealed Edge, 6"x6" (15 cm x 15 cm)	400/pack (2 bags of 200), 10 packs/case, Total 4000 wipers/cs
TC1PS2-99	Polyester Knit Wiper with Sealed Edge, Size: 9"x9" (23 cm x 23 cm)	150/Pack (2 bags of 75), 8 Packs/Case, Total 1200 wipers/cs
TC1PS1-26	Polyester Knit Wiper with Sealed Edge, 26" x 26" (66cm x 66cm)	25 wipers/bag, 4 bags/case, Total 100 wipes/cs
TC2PL2-99	Polyester Knit Wiper with Sealed Edge, Size: 9"x9" (23 cm x 23 cm)	150/Pack (2 bags of 75), 10 Packs/Case, Total 1500 wipers/cs
TC2PL2-12	Polyester Knit Wiper with Sealed Edge, Size: 12"x12" (30 cm x 30 cm)	100 wipes/bag, 10 bags/case, Total 1000 wipers/cs
TC2PU2-99	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

TekniLight™ Rolls

Part Number	Description	Packaging
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

TekniLight™ Presat

Part Number	Description	Packaging
TS2PL2I70-66	Polyester Knit Wiper with Sealed Edge, Presaturated with 70% IPA/30% DIW, 6"x6" (15 cm x 15 cm)	75 wipes/bag, 2 bags/pail, 2 pails/case, Total 300 wipes/case
TS2PL2I70R-66	Polyester Knit Wiper Refill with Sealed Edge, Presaturated with 70% IPA/30% DIW, 6"x6" (15 cm x 15 cm)	75 wipes/bag, 12 bags/case, Total 900 wipes/case
TS2PL2I70G-66	Polyester Knit Wiper with Sealed Edge, Presaturated with 70% IPA/30% DIW, 6"x6" (15 cm x 15 cm)	150 wipes/gusset slider bag, 8 bags/case, Total 1200 wipes/case
TS2PL2I70-99	Polyester Knit Wiper with Sealed Edge, Presaturated with 70% IPA/30% DIW, 9"x9" (23 cm x 23 cm)	75 wipes/bag, 150 wipes per pail, 2 pails/case, Total 600 wipers/cs
TS2PL2I70R-99	Polyester Knit Wiper Refill with Sealed Edge, Presaturated with 70% IPA/30% DIW, 9"x9" (23 cm x 23 cm)	75 wipes/bag, 8 bags/Case, Total 600 wipers/cs
TS2PL2I70G-99	Polyester Knit Wiper with Sealed Edge, Presaturated with 70% IPA/30% DIW, 9"x9" (23 cm x 23 cm)	75 wipes/slider bag, 6 bags/Case, Total 450 wipers/cs
TS2PL2I85G-99	Polyester Knit Wiper with Sealed Edge, Presaturated with 85% IPA/15% DIW, 9"x9" (23 cm x 23 cm)	75 wipes/gusset slider bag, 8 bags/case, Total 600 wipes/case

Performance Characteristics	Typical Value			Test Method
	TC1PS2 and TC1PS1 series	TC1PL2 Series and Presats	TC2PU2 Series	
Particles and Fibers				
LPC >0.50 µm Fibers >100 µm	10 x 10^6 particles/m^2 <600 fibers/m^2	4.5 x 10^6 particles/m^2 <400 fibers/m^2	10 x 10^6 particles/m^2 <300 fibers/m^2	IEST-RP-CC004.4, Section 7.2.1 IEST-RP-CC004.4, Section 7.2.2
Nonvolatile Residue				
IPA Extractant DI Water Extractant	≤0.08 g/m^2 ≤0.03 g/m^2	≤0.04 g/m^2 ≤0.01 g/m^2	≤0.08 g/m^2 ≤0.03 g/m^2	IEST-RP-CC004.4
Extractable Ions				
Sodium (Na+) Potassium(K+) Chloride (Cl-)	≤0.3 ppm ≤0.2 ppm ≤0.2 ppm	≤0.2 ppm ≤0.1 ppm ≤0.1 ppm	≤0.5 ppm ≤0.5 ppm ≤0.5 ppm	IEST-RP-CC004.4, Section 8.2.2
Physical Characteristics				
Material Basis Weight	100% Polyester 120 g/m^2	100% Polyester 120 g/m^2	100% Polyester 106 g/m^2	ASTM D3776
Absorbency				
Sorptive Capacity Sorptive Rate	>300 ml/m^2 <1 second	>300 ml/m^2 <1 second	>300 ml/m^2 <2 seconds	IEST-RP-CC004.4, Section 9.1