

TekniClean™ LX Polyester Knit Wipers

Available in cleanliness levels for ISO 4 and higher cleanrooms with edge finishes suitable for a wide range of applications. TekniClean™ LX is made via an Ultra-Clean proprietary manufacturing process that reduces the potential for shedding while effectively removing ionic and NVR contamination. Ultra-Clean purity will meet your requirements for cleanliness throughout your facility.

■ APPLICATIONS

- Environmental cleaning
- Product transfers & storage
- Suitable for use in ISO 4 and higher cleanrooms

■ FEATURES & BENEFITS

- "Gold Standard" for cleanliness, abrasion & chemical resistance
- The 'go-to' solution for your everyday critical environment wiping needs



TekniClean™ LX Polyester Knit Wipers (ISO 4+)

Product	Class	Edge Finish	Pre-Sat	Sterile†	IPA%	Wiper Size	Packaging
TC2PL1-12	ISO 4	Laser Seal				12" x 12" (30cm x 30cm)	100 ea/bag 10 bags/case
TC2PL1-99	ISO 4	Laser Seal				9" x 9" (23cm x 23cm)	150 ea/bag; 10 bags/case
TC2PL1-99G	ISO 4	Laser Seal				9" x 9" (23cm x 23cm)	150 ea/bag; 10 bags/case
TC2PL1-3672	ISO 4	Laser Seal				36" x 72" (91cm x 182cm)	10 ea/bag; 5 bags/case
TS2PLI10R-99	ISO 4	Laser Seal	◆		10%	9" x 9" (23cm x 23cm)	75 ea/bag; 2 bags/pack 4 packs/case
TS2PLI100R-99	ISO 4	Laser Seal	◆		100%	9" x 9" (23cm x 23cm)	75 ea/bag; 8 bags/case
TC2PU1-12	ISO 4	Ultra-Edge				12" x 12" (30cm x 30cm)	100 ea/bag (50/inner bag) 10 bags/case
TC2PU1-24	ISO 4	Ultra-Edge				24" x 24" (60cm x 60cm)	25 ea/bag; 6 bags/case
TC2PU1-44	ISO 4	Ultra-Edge				4" x 4" (10cm x 10cm)	600 ea/bag (150/inner bag) 10 bags/case
TC2PU1-48	ISO 4	Ultra-Edge				48" x 48" (122cm x 122cm)	10 ea/bag; 8 bags/case
TC2PU1-99	ISO 4	Ultra-Edge				9" x 9" (23cm x 23cm)	100 ea/bag (50/inner bag) 10 bags/case
TC2P12S	ISO 4	Standard		◆		12" x 12" (31cm x 31cm)	20 ea/bag; 25 bags/case
TC2P99S	ISO 4	Standard		◆		9" x 9" (23cm x 23cm)	20 ea/bag; 25 bags/case
TS2PUI09R-99	ISO 4	Ultra-Edge	◆		9%	9" x 9" (23cm x 23cm)	50 ea/refill pack; 12 pack/case
TS2PUI09Z-99	ISO 4	Ultra-Edge	◆		9%	9" x 9" (23cm x 23cm)	50 ea/pouch 15 pouches/case
TS2PUI70-12	ISO 4	Ultra-Edge	◆		70%	12" x 12" (30cm x 30cm)	100 ea/pail; 2 pails/case
TS2PUI70R-12	ISO 4	Ultra-Edge	◆		70%	12" x 12" (30cm x 30cm)	50 ea/bag; 2 bags/pack; 4 packs/case
TS2PUI70-99	ISO 4	Ultra-Edge	◆		70%	9" x 9" (23cm x 23cm)	150 ea/pail; 2 pails/case
TS2PUI70P-99	ISO 4	Ultra-Edge	◆		70%	9" x 9" (23cm x 23cm)	40 ea/pouch 24 pouches/case

†Validated sterilization via gamma irradiation to a Sterility Assurance Level of 10⁻⁶ according to AAMI Guidelines

*IPA (Isopropyl Alcohol) meets or exceeds USP purity requirements



Product	Class	Edge Finish	Pre-Sat	Sterile†	IPA%	Wiper Size	Packaging
TS2PUI70P-99S	ISO 4	Ultra-Edge	◆	◆	70%	9" x 9" (23cm x 23cm)	40 ea/pouch; 24 pouches/case
TS2PUI70R-99	ISO 4	Ultra-Edge	◆		70%	9" x 9" (23cm x 23cm)	50 ea/refill pack; 12 pouches/case
TS2PUI70Z-99	ISO 4	Ultra-Edge	◆		70%	9" x 9" (23cm x 23cm)	50 ea/ pouch; 15 pouches/case
TS2PUI100P-99	ISO 4	Ultra-Edge	◆		100%	9" x 9" (23cm x 23cm)	150 ea/pail; 2 pails/case
TS2PUI100R-99	ISO 4	Ultra-Edge	◆		100%	9" x 9" (23cm x 23cm)	40 ea/pouch 12 pouches/case
TS2PUI100Z-99	ISO 4	Ultra-Edge	◆		100%	9" x 9" (23cm x 23cm)	50 ea/pouch; 15 pouches/case

Physical Properties

Basis Weight	140 g/m ²
Material	100% Polyester
Absorbency	Extrinsic Capacity: >410 ml/m ² Intrinsic Capacity: >2.6 ml/g Rate: <1 second

Purity Specifications

Particles & Fibers	Target*	Target*	Target*
	Sterile	Laser Sealed Edge	Ultra-Edge
Particles >0.50um	<5.0	<11.0	<5.0
Particles >5.0um	<0.5	<0.8	<0.3
Fibers >100um	<400	<400	<400

* x 10⁶ particles/m²

*Particles: IEST-RP-CC004.3 Section 6.1.4

Fibers: IEST-RP-CC004.3 Section 6.2.2 (Orbital Shake Test)

Nonvolatile Residue

Extractant	Target	Target
	Laser Sealed Edge	Sterile & Ultrasonic Sealed Edge
IPA	<0.08 g/m ²	<0.04 g/m ²
DI Water	<0.03 g/m ²	<0.01 g/m ²

*IEST-RP-CC004.3 Section 7.1.2

Shelf Life

Non-sterile Dry Wipes: 5-years from the date of manufacture.

Non-sterile Pre-wetted Wipes: 3-years from the date of manufacture.

Sterile Dry & Pre-wetted Wipes: 3-years from the date of manufacture.

Extractable Ions

Sterile & Laser Sealed Edge

Ion	Target
Sodium (Na ⁺)	<0.20 ppm
Potassium(K ⁺)	<0.10 ppm
Calcium (Ca ²⁺)	<0.20 ppm
Chloride (Cl ⁻)	<0.10 ppm
Magnesium (Mg ²⁺)	<0.10 ppm

*IEST-RP-CC004.3 Section 7.1.2 (Short Term Extraction)

Ultrasonic Sealed Edge

Ion	Target
Sodium (Na ⁺)	<0.02 ppm
Potassium(K ⁺)	<0.01 ppm
Calcium (Ca ²⁺)	<0.02 ppm
Chloride (Cl ⁻)	<0.02 ppm
Magnesium (Mg ²⁺)	<0.02ppm

* IEST-RP-CC004.3 Section 7.2.2.1B

