

TekniClean™ LX Polyester Knit Wipers

Available in cleanliness levels for ISO 3 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

- Cleaning tools & equipment with baked on residues
- Wiping rough surfaces
- Suitable for ISO 3 and higher cleanrooms

■ FEATURES & BENEFITS

- Available in dry and presaturated versions
- Ultra-clean due to proprietary manufacturing processes, these products will meet your expectations for low-shedding, low extractables and residue removal with every use
- Precision saturation control yields the ideal balance of solvent application and residue removal to ensure an efficient work process



TekniClean™ LX Polyester Knit Wipers (ISO 3+)

| Product | Class | Edge Finish | ESD† | Pre-Sat | IPA/DIW* | Wiper Size | Packaging |
|--------------|-------|-------------------|------|---------|----------|----------------------------|---|
| TC3PB1-99 | ISO 3 | Ultra-Border seal | | | | 9" x 9" (23cm x 23cm) | 100 ea/bag; 10 bags/case |
| TC3PB1-12 | ISO 3 | Ultra-Border seal | | | | 12" x 12" (30cm x 30cm) | 100 ea/bag; 10 bags/case |
| TC3PB1S-99 | ISO 3 | Ultra-Border seal | ⚡ | | | 9" x 9" (23cm x 23cm) | 100 pcs/bag; 1000 pcs/case |
| TS3PBI10-99 | ISO 3 | Ultra-Border seal | | ◆ | 10%/90% | 9" x 9" (23cm x 23cm) | 100 ea/pail; 2 pails/case |
| TS3PBI10R-99 | ISO 3 | Ultra-Border seal | | ◆ | 10%/90% | 9" x 9" (23cm x 23cm) | 50 ea/bag; 2 bags/pack; 6 packs/case |
| TS3PBI70Z-99 | ISO 3 | Ultra-Border seal | | ◆ | 70%/30% | 9" x 9" (23cm x 23cm) | 50 ea/pouch; 15 pouches/case |
| TS3PBI70-99 | ISO 3 | Ultra-Border seal | | ◆ | 70%/30% | 9" x 9" (23cm x 23cm) | 100 ea/pail; 2 pails/case |
| TS3PBI70R-99 | ISO 3 | Ultra-Border seal | | ◆ | 70%/30% | 9" x 9" (23cm x 23cm) | 50 ea/bag; 2 bags/pack; 6 packs/case |
| TS3PBI70S-99 | ISO 3 | Ultra-Border seal | ⚡ | ◆ | 70%/30% | 9" x 9" (23cm x 23cm) | 100 ea/bag; 5 bags/case |
| TS3PBI70S-12 | ISO 3 | Ultra-Border seal | ⚡ | ◆ | 70%/30% | 12" x 12" (30cm x 30cm) | 100 ea/bag; 5 bags/case |

†ESD Electrostatic Dissipative Packaging

*IPA (Isopropyl Alcohol) meets or exceeds USP purity requirements; DIW - Deionized Water

Physical Properties

| | |
|---------------------|--|
| Basis Weight | 140 g/m ² |
| Material | 100% Polyester |
| Absorbency | Extrinsic Capacity: >400 ml/m ² Intrinsic Capacity: >2.6 ml/g Rate: <1 second |

Purity Specifications

| Particles & Fibers | Target (x 10 ⁶ particles/m ²) |
|--------------------|---|
| Particles >0.50um | <5.0 |
| Particles >5.0um | <0.3 |
| Fibers >100um | <400 |

*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 |
|------------|------------------------|
| IPA | <0.04 g/m ² |
| DI Water | <0.01 g/m ² |

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

Extractable Ions

| Ion | Target |
|-------------------------------|-----------|
| Sodium (Na ⁺) | <0.02 ppm |
| Potassium(K ⁺) | <0.01 ppm |
| Calcium (Ca ²⁺) | <0.20 ppm |
| Chloride (Cl ⁻) | <0.02 ppm |
| Magnesium (Mg ²⁺) | <0.02 ppm |

* IEST-RP-CC004.3 Section 7.2.2.1B (Standard Extraction)

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.

