



TekniClean Sealed Border Polyester Wiper

Product Description

Tekniclean polyester knit wipes are made with a hi strength continuous filament polyester yarn in a double knit, no run interlock pattern. Knitting, pre-washing, cutting, sealing, washing and packaging are all done in house for optimum control & cleanliness. A proprietary process using pressure & heat is used to create a 5mm border seal for optimum fiber and particle retention. The wipe is ultra clean and highly sorbent making it ideal for wiping critical surfaces. All Tekniclean wipes utilize Statistical Process Control in manufacturing and are lot traceable from raw to finished product.

Class 10 Laundered & Packaged

Composition & Attributes

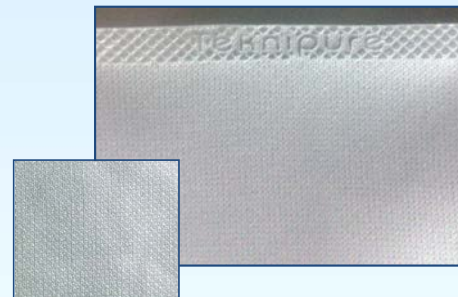
- * 100% Hi Strength Polyester fiber (continuous filament, double knit)
- * Ultra Low Particle and Fiber levels
- * Ultrasonic Border Sealed Edges for maximum fiber & particle retention
- * Free of Silicon, Amides, and DOP contamination
- * Solvent safe double bag cleanroom packaging
- * Resists abrasion when used with rough surfaces
- * Works well with IPA and other cleaning solvents

Applications

- * Ideal for wiping critical surfaces to achieve ultra cleanliness
- * Excellent choice for wiping process tool chambers
- * Works well for difficult particle removal; excellent abrasion resistance
- * Lowest fiber & particle level available; cleanest wiper
- * Soft knit texture for scratch sensitive surfaces
- * Available pre-wetted with ultra pure IPA / DIW for best performance
- * Compatible with ISO Class 3-5 (Class 1-100) environments

Purity Specifications

		Maximum	Typical
* Particles & Fibers			
particles/m ²	Particles (>0.5 micron)	<4.5 x 10 ⁽⁶⁾	3.05 x 10 ⁽⁶⁾
particles/m ²	Particles (> 5 micron)	<0.3 x 10 ⁽⁶⁾	0.16 x 10 ⁽⁶⁾
fiber/m ²	Fibers (>100 micron)	<300	106
* Nonvolatile Residue			
g/m ² / ug/cm ²	IPA Extractant	<0.04 / 4	0.015 / 1.5
g/m ² / ug/cm ²	DIW Extractant	<0.01 / 1	.0055 / 0.55
* Extractable Ions			
ppm / ug/g	Sodium (Na+)	<0.2	0.15
	Potassium (K+)	<0.1	0.07
	Magnesium (Mg ²⁺)	<0.1	0.08
	Chloride (Cl+)	<0.1	0.06
	Calcium (Ca+)	<0.2	0.13



Physical Properties

- * Basis Weight 140g/m²; Standard Weight
- * Material 100% Polyester Continuous Filament, Double Knit, No Run
- * Absorbency Extrinsic Capacity: >300ml/m²
Intrinsic Capacity: >2.2 ml/g
Sorbitive Rate: <1 second
- * Test Method IEST-RP-CC004.3 Section 8.1

Test Method

Orbital Shake Test	IEST-4.3-6.1.4
Short Term Extraction	IEST-4.3-7.1.2
Standard Extractable Method	IEST-4.3-7.2.2.1B



TC3PB1 vs. ?

Ordering Information

Product

TC3PB1-99
TC3PB1-12

Size

9" X 9" (22.9cm x 22.9cm)
12" x 12" (30cm x 30cm)

Packaging

100 Ea/Bag (2 inner bags of 50) 10 Bag/Case
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