

TekniClean Border Sealed Cleanroom 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 generation
- * 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 internals and chambers
- * Works well for particle removal & resistance with solvents
- * Soft texture for scratch sensitive surfaces but very durable
- * Autoclavable for Aseptic environments
- * Compatible with ISO Class 3-5 (Class 1-100) environments

Purity Specifications

* Particles & Fibers		
Particles (>0.5micron)		3 x 10(6) particles/m2
(> 5 micron)		200,000 particles/m2
Fibers (>100 micron)		<300
* Nonvolatile Residue		
IPA Extractant		0.015 ppm
DIW Extractant		0.009 ppm
* Ions		
Sodium (Na+)		0.02 ppm
Potassium (K+)		0.01 ppm
Chloride (Cl+)		0.02 ppm
Calcium (Ca+)		0.02 ppm

Physical Properties

* Basis Weight	140g/m2
* Material	100% Pure Polyester Fiber Continous Filament, Double Knit
* Absorbency	Sorptive Capacity: >400ml/m2 Sorptive 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

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