

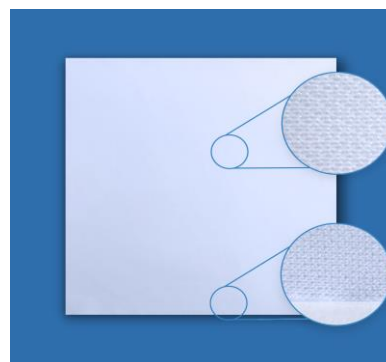
TekniClean Sterile Polyester Knit Wiper

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 laser sealed edge is provided on all sides for maximum fiber and particle retention. The wiper is ultra clean, abrasion resistant & highly sorbent making it ideal for wiping critical surfaces. All Tekniclean wipes utilize Statistical Process Control in manufacturing and are lot traceable from raw material to finished product. Sterilized for use in aseptic environments
Class 100 packaged

Composition & Attributes

- * 100% Hi Strength Polyester fiber (continuous filament, double knit)
- * Gamma Irradiated Sterile thru Cobalt 60 processing
- * Ultra Low particle and fiber generation
- * Laser Sealed Edges for 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
- * Works well for environmental & process cleaning in aseptic rooms
- * Soft texture for scratch sensitive surfaces
- * Pure substrate & soft sealed edges minimize fiber release
- * Packed in small quantities for ease of aseptic protocol compliance
- * Available pre-wet with ultra pure IPA / DIW for best performance
- * Compatible with ISO Class 3-5 (Class 10-100) environments

Physical Properties

- * Basis Weight 140g/m²; Standard Weight
- * Material 100% Pure Polyester Continuous Filament, Double Knit, No Run
- * Absorbency Extrinsive Capacity: >350ml/m²
Intrinsic Capacity: >2.5 ml/g
Sorbptive Rate: <1 second
- * Test Method IEST-RP-CC004.3 Section 8.1

Purity Specifications

* Particles & Fibers

			<u>Maximum</u>	<u>Typical</u>
particles/m ²	Particles (>0.5micron)		<8 x 10 ⁽⁶⁾	7 x 10 ⁽⁶⁾
particles/m ²	Particles (> 5 micron)		<0.5 x 10 ⁽⁶⁾	0.2 x 10 ⁽⁶⁾
fiber/m ²	Fibers (>100 micron)		<400	230

* Nonvolatile Residue

g/m ² / ug/cm ²	IPA Extractant	<0.07 / 7	0.0052 / 0.52
g/m ² / ug/cm ²	DIW Extractant	<0.03 / 3	0.0014 / 0.14

* Extractable Ions

ppm / ug/g	Sodium (Na+)	<0.1	0.00312
ppm / ug/g	Potassium (K+)	<0.1	0.00227
ppm / ug/g	Magnesium (Mg ²⁺)	<0.1	0.00049
ppm / ug/g	Chloride (Cl+)	<0.1	0.00174
ppm / ug/g	Calcium (Ca+)	<0.1	0.00021

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

Gamma Sterilization Intensity

VD MAX: > 25 kGy

Ordering Information

Product

TC2P99S
TC2P12S

Size

9" x 9" (23cm x 23cm)
12" x 12" (30cm x 30cm)

Packaging

20/Bag, 25Bags/Case
20/Bag, 25Bags/Case