



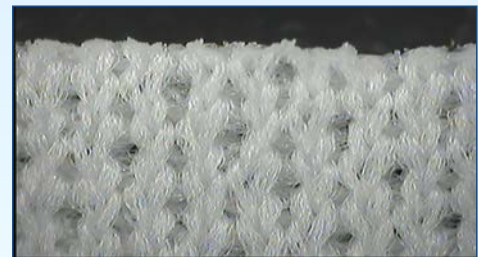
TekniClean Economy Knit Cleanroom Wiper

Product Description

Tekniclean economy 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. The wipe is 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 material to finished product. Hot Knife Cut minimizes fiber release. Class 100 Laundered & Packaged

Composition & Attributes

- * 100% Hi Strength Polyester fiber (continuous filament, double knit)
- * Lightweight construction reduces waste & cost
- * Ultra Low particle and fiber generation
- * Lint Free surface & hot knife cut edges minimize fiber release
- * 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 critical environment & process cleaning.
- * 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 5-7 (Class 100-10000) environments
- * Economical choice for demanding applications

Physical Properties

- * Basis Weight 140g/m²; Standard Weight
- * Material 100% Pure Polyester Continuous Filament, Double Knit, No Run
- * Absorbency Extrinsic Capacity: >400ml/m²
Intrinsic Capacity: >2.3 ml/g
Sorptive Rate: <1 second
- * Test Method IEST-RP-CC004.3 Section 8.1

Purity Specifications

		<u>Maximum</u>	<u>Typical</u>
* Particles & Fibers			
particles/m ²	Particles (>0.5micron)	10 x 10 ⁽⁶⁾	8.1 x 10 ⁽⁶⁾
particles/m ²	Particles (> 5 micron)	2 x 10 ⁽⁶⁾	0.9 x 10 ⁽⁶⁾
fiber/m ²	Fibers (>100 micron)	<600	350
* Nonvolatile Residue			
g/m ² / ug/cm ²	IPA Extractant	< 0.08	0.04
g/m ² / ug/cm ²	DIW Extractant	< 0.03	0.02
* Extractable Ions			
ppm / ug/g	Sodium (Na+)	<0.3	0.05
ppm / ug/g	Potassium (K+)	<0.2	0.09
ppm / ug/g	Magnesium (Mg ²⁺)	<0.3	0.06
ppm / ug/g	Chloride (Cl+)	<0.2	0.09
ppm / ug/g	Calcium (Ca+)	<0.4	0.21

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

TC1PS2-99
TC1PS1-20
TC1PS1-26
TC1PS2-24300

Size

9" X 9" (22.9cm x 22.9cm)
20" x 20" (51cm x 51cm)
26" X 26" (66cm x 66cm)
24" Wide x 300' Long Roll

Packaging

150 Ea/Bag (2 inner bags of 75) 8 Bag/Case
25 Ea/Bag 4 Bag/Case
25 Ea/Bag 4 Bag/Case
1 Roll/Case