



Innovative
Contamination
Solutions

TekniSat Sealed Edge Pre-wet Polyester Knit Wiper

Product Description

Teknisat sealed edge pre-wet polyester wipers are ideal for environmental/cleanroom wipedowns or process tool cleaning. Made with hi strength continuous filament polyester yarn in a double knit, no run interlock pattern. A proprietary process is used to create ultrasonic seals for improved fiber and particle retention. Endotoxins and TOC's removed; Pyrogen-free substrate. Wipes are pre-wetted with 0.12micron filtered & purified IPA which is 99.99999% pure & precisely blended with 18 Mega-ohm WFI. Class 10 Laundered & Packaged.

Composition & Attributes

- * 100% Hi Strength 80D Polyester fiber (continuous filament, double knit)
- * Ultra Low particle & fiber release
- * Pyrogen-free, <20EU
- * Ultra Pure Chemistry; multiple blends available
- * Free of Silicon, Amides, & DOP contamination
- * Resists abrasion when used with rough surfaces
- * Effective packaging minimizes VOC's & outgassing, re-fills reduce waste & cost
- * Re-fills available to reduce landfill waste and lower costs



Applications

- * Ideal for wiping critical surfaces and equipment.
- * Eliminate storage, control, & dilution of IPA
- * Minimize VOC's (Volatile Organic Compounds)
- * Improve yields thru enhanced consistency & control of critical cleaning
- * Compatible with ISO Class 4-5 (Class 10-100) environments

Physical Properties

- * Basis Weight 140g/m²
- * Material 100% Pure Polyester Fiber
Continuous Filament, Double Knit
- * DI Water grade 18 Mega ohm RO/DI, .12u filtered
- * IPA grade UltraPure, .12u filtered, <1 ppb

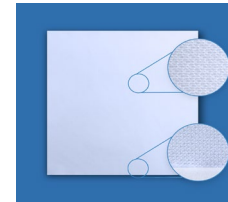
Purity Specifications

		<u>Maximum</u>	<u>Typical</u>
* Particles & Fibers			
particles/m ²	Particles (>0.5micron)	5 x 10 ⁽⁶⁾	4.2 x 10 ⁽⁶⁾
particles/m ²	(> 5 micron)	0.5 x 10 ⁽⁶⁾	0.3 x 10 ⁽⁶⁾
fibers/m ²	Fibers (>100 micron)	<400	230
* Nonvolatile Residue			
g/m ² ug/cm ²	IPA Extractant	<0.04 / 4	0.02 / 2
g/m ² ug/cm ²	DIW Extractant	<0.01 / 1	0.008 / 0.8
* Extractable Ions			
ppm / ug/g	Sodium (Na+)	<0.2	0.13
ppm / ug/g	Potassium (K+)	<0.1	0.03
ppm / ug/g	Magnesium (Mg ²⁺)	<0.1	0.07
ppm / ug/g	Chloride (Cl+)	<0.1	0.04
ppm / ug/g	Calcium (Ca+)	<0.2	0.13

Class 10-100 / ISO 4-5

Test Method

- Orbital Shake Test
IEST-4.3- 6.1.4
IEST-4.3-6.2.2
- Short Term Extraction
IEST-4.3- 7.1.2
- Standard Extractable Method
IEST4.3- 7.2.2.1B



*** Made in U.S.A.**

Product

TS2PUI09-99
TS2PUI09R-99
TS2PUI70-44
TS2PUI70-99
TS2PUI70R-99
TS2PUI70-12
TS2PUI70R-12
TS2PUI100-44
TS2PUI100R-44
TS2PUI100-99
TS2PUI100R-99

Description

Pail, Ultrasonic Sealed Edge, 9% IPA, 9"x9"
Refill, Ultrasonic Sealed Edge, 9% IPA, 9"x9"
Pail, Ultrasonic Sealed Edge, 70% IPA, 4"x4"
Pail, Ultrasonic Sealed Edge, 70% IPA, 9"x9"
Refill, Ultrasonic Sealed Edge, 70% IPA, 9"x9"
Pail, Ultrasonic Sealed Edge, 70% IPA, 12" x 12"
Refill, Ultrasonic Sealed edge, 70% IPA, 12" x 12"
Pail, Ultrasonic Sealed Edge, 100% IPA, 4" x 4"
Refill, Ultrasonic Sealed Edge, 100% IPA, 4"x4"
Pail, Ultrasonic Sealed Edge, 100% IPA, 9"x9"
Refill, Ultrasonic Sealed Edge, 100% IPA, 9"x9"

Packaging

150/pail, 2pails/cs
50/pack, 12packs/cs
600/pail, 2pails/cs
150/pail, 2pails/cs
50/pack, 12packs/cs
100/pail, 2pails/cs
50/pack, 8packs/cs
600/pail, 2pails/cs
600/pack, 4 packs/cs
150/pail, 2pails/cs
50/pack, 12packs/cs