



To Order Call:
Harmony Business Supplies
1-800-899-1255
www.HarmonyCR.com

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, superior to laser sealing as ultrasonic provides a softer & more defined edge. Wipes are prewetted with 0.12micron filtered & purified IPA which is 99.99999% pure & accurately blended with same purity 18 Mega Ohm DI Water, pending blend request. Class 10 Laundered & Packaged.

Composition & Attributes

- * 100% Hi Strength 80D Polyester fiber (continuous filament, double knit)
- * Ultra Low particle & fiber release
- * Ultra Pure Chemistry; multiple blends available
- * Free of Silicon, Amides, & DOP contamination
- * Resists abrasion when used with rough surfaces
- * Unique pail packaging minimizes VOC's & outgassing
- * Re-fills available to reduce landfill waste and lower costs
- * Convenient Flex Pack available with stacked wipes & re-sealable label

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

Class 10-100 / ISO 4-5

Purity Specifications

* Particles & Fibers

			Maximum	Typical
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

Test Method

Orbital Shake Test

IENT-4.3- 6.1.4

IENT-4.3-6.2.2

Short Term Extraction

IENT-4.3- 7.1.2

Standard Extractable Method

IENT4.3- 7.2.2.1B



Ordering Information

Product

TS2PUI09-99
TS2PUI09R-99
TS2PUI09F-99
TS2PUI70-44
TS2PUI70-99
TS2PUI70R-99
TS2PUI70F-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"
Flex Pack, 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"
Flex Pack, 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
100/pack, 6packs/cs
50/pack, 10packs/cs
600/pail, 2pails/cs
150/pail, 2pails/cs
100/pack, 6packs/cs
50/pack, 10packs/cs
100/pail, 2pails/cs
100/pack, 4packs/cs
600/pail, 2pails/cs
600/pack, 4 packs/cs
150/pail, 2pails/cs
100/pack, 6packs/cs