



Innovative  
Contamination  
Solutions

## TekniSat Sterile Non-woven Polyester/Cellulose Wiper

### Product Description

Teknisat nonwoven wipes are made from a hydroentangled of 55% cellulose / 45% polyester which creates a strong, clean & absorbant wiper. Saturated with Pure Isopropry Alcohol & 18Mohm DI water in precise saturation level provide excellent wipe down/pick up with economy in mind. This material & chemistry has excellent application compatibility. An ideal choice where cleanliness, performance, & economics are important.

Class 1000 / ISO 6 Compatible

### Composition & Attributes

- \* 55% Cellulose / 45% Polyester; Hydroentangled
- \* Pre-wet with ultra-pure IPA, IPA/DIW blend
- \* Low particle and fiber generation
- \* High liquid absorbancy per basis weight
- \* Maintains hi strength in wet applications
- \* Sterile for aseptic applications

### Applications

- \* Ideal for item pass-thru wipe down & controlled environmental cleaning
- \* Excellent choice for general purpose wiping; clean & economical
- \* Reduce IPA usage, VOC levels & improve cleaning performance
- \* Compatible with ISO Class 5+ (Class 100) cleanroom environments

### Purity Specifications

#### \* Particles & Fibers

	Maximum	Typical
Particles (0.5-100um)	50 x 10 <sup>6</sup> /m <sup>2</sup>	30 x 10 <sup>6</sup> /m <sup>2</sup>
Fibers (>100um)	<300	215

#### \* Nonvolatile Residue

	Maximum	Typical
IPA Extractant	<0.006 g/m <sup>2</sup>	0.0047 g/m <sup>2</sup>
DIW Extractant	<0.07 g/m <sup>2</sup>	0.055 g/m <sup>2</sup>

#### \* Ions

	Maximum	Typical
Chloride (Cl-)	<30 ppm / ug/g	13 ppm / ug/g
Potassium (K+)	<30 ppm / ug/g	16 ppm / ug/g
Sodium (Na+)	<50 ppm / ug/g	26 ppm / ug/g
Calcium (CA <sup>2+</sup> )	<30 ppm / ug/g	15 ppm / ug/g
Magnesium (Mg <sup>2+</sup> )	<50 ppm / ug/g	32 ppm / ug/g

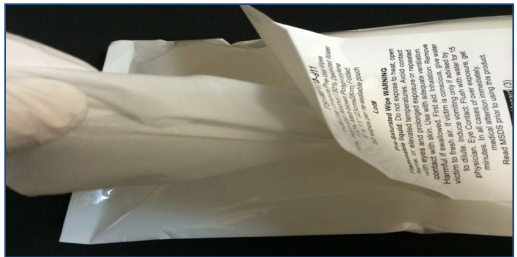
### Product

TS1PCI70-99S

### Ordering Information

#### Size

70% IPA/30% DIW 9" x 9" (23 m x 28cm)



### Physical Properties

- \* Basis Weight 58g/m2 (+/-2g/m2)
- \* Material 55% Cellulose / 45% Polyester
- \* Absorbency Sorptive Capacity: 295ml/m2  
Sorptive Rate: < 1 second

### Test Method

Orbital Shake Test	IENT-4.3-6.1.4
Short Term Extraction	IENT-4.3-7.1.2
Standard Extractable Method	IENT-4.3-7.2.2.1B

### Gamma Sterilization Intensity

VD MAX: > 25 kGy

### Packaging

30 Folded Sheets/Pouch, 24 Pouches/Case



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