



Innovative  
Contamination  
Solutions

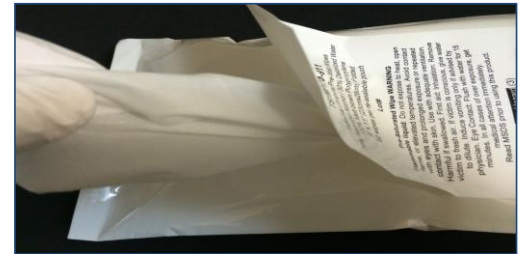
## TekniSat Non-woven Polyester/Cellulose Wiper

### Product Description

Teknisat nonwoven wipes are made from a hydroentangled of 55% cellulose / 45% polyester which creates a strong, clean & absorbant wiper. Saturated with 70% Pure Isopropyl Alcohol & 30% 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 100 Compatible

### Composition & Attributes

- \* 55% Cellulose / 45% Polyester; Hydroentangled
- \* Pre-wet with ultra-pure 70% IPA / 30% DIW
- \* Low particle and fiber generation
- \* High liquid absorbancy per basis weight
- \* Maintains hi strength in wet applications
- \* Available 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

### Physical Properties

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

### Purity Specifications

#### \* Particles & Fibers

Particles (0.5-100um)	52 x 10 <sup>6</sup> /m <sup>2</sup>
Fibers (>100um)	82,000/m <sup>2</sup>

#### \* Nonvolatile Residue

IPA Extractant	0.06 g/m <sup>2</sup>
DIW Extractant	0.02 g/m <sup>2</sup>

#### \* Ions

Chloride (Cl-)	32 ppm / ug/g
Potassium (K+)	3 ppm / ug/g
Sodium (Na+)	45 ppm / ug/g

### Upper Limits

### 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

TS1PCI70-99

#### Size

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

#### Packaging

30 Folded Sheets/Pouch, 24 Pouches/Case



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