



# STATCLEAN TECHNOLOGY (S) PTE. LTD.

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## STAT-WIPE Poly Ultra Dense Wipes (STWI-PS)

### DESCRIPTION

Ultra Dense Polyester Wiper is a wiper engineered with a much higher thread count. As such, it is denser and its knitted interlock is also stronger. Ultra Dense Wiper is relatively stronger compared to a regular polyester knitted wiper.

### FEATURES

- Laser sealed edge ensures ultra low lint and particle level
- Denser and stronger than regular polyester wiper

### APPLICATIONS

- Suitable for class 100 - 1,000 cleanrooms
- Cleaning of surfaces to control submicron particles, fibers, and chemical residue



### TECHNICAL DATA

#### PERFORMANCE CHARACTERISTICS

**Basis Weight** : 120gsm  
**Thickness (micrometer)** : 0.35~0.41mm  
**Absorbency Rate & Capacity**  
 (IEST RP-CC 004.3)  
**Sorptive capacity** : 300ml/m2  
**Rate (Drop Disappearance mtd.)** : 0.5sec

SIZE	Pcs/Bag	Bags/Case
12" x 12"	150	10
9" x 9"	150	10
6" x 6"	300	10
4" x 4"	600	10

#### CONTAMINATION CHARACTERISTICS

**Non-volatile Residue, NVR**  
 (IEST-RP CC 004.3, short term extraction)  
**IPA Extractant** : 0.220 mg/g  
 (100ml IPA at ambient temperature for 24hrs)  
**DIW Extractant** : 0.120 mg/g  
 (100ml DI Water at ambient temperature for 24hrs)

**FTIR** : No Silicon oil, Amide, DOP detected

#### Ion Content

(IEST-RP CC 004.3, short term extraction)  
**Chloride (Cl)** : 0.000347mg/g  
**Sulphate (SO4)** : 0.000359mg/g  
**Potassium (K)** : 0.000251mg/g  
**Calcium (Ca)** : 0.000597mg/g

#### Releasable Particle

**LPC ( 0.5um)** : 6.0 x 10<sup>6</sup> particles/m2  
 (IEST-RP CC 004.3-orbital shake mtd)  
**APC (Helmke Drum Test @ 10rpm); 0.3um** :50 counts/pc/cfm  
 (IEST-RP-CC 003.2)

#### NOTE:

\*Data shown are typical values and should not be used as specifications.