

## TekniSwab Polyester Knit Swab Product Description

TekniSwab is an excellent critical-purpose ESD swab that features exceptional cleanliness & performance with various handles and configuration providing consistent force & cleanliness for cleaning small and hard to reach areas. Constructed with double layers of Tekniclean fabric & is the ideal swab to effectively eliminate or quantify contamination. Cleanroom laundered double layer head possesses high solvent capacity. It is free from organic contaminants such as silicone, amide and phthalate esters. Best cleanliness & retention make it ideal in cleaning or sampling large & small surfaces. Very low non-volatile residue, ion content and particle generation.  
Class 10 Laundered & Packaged

### Composition & Attributes

- \* Ultra Low Particle, Fiber NVR & ION Levels
- \* Free of Silicon, Amides, and DOP contamination
- \* Double-Layer Polyester Knit Head material
- \* High solvent capacity, non-abrasive tip, best pick-up

### Applications

- \* Cleaning small, slotted & hard to reach areas with solvents
- \* Performing Cleaning Validation or Sampling
- \* Remove flux residues and excess materials.
- \* Safe cleaning for ESD Static Sensitive surfaces
- \* Compatible with ISO Class 4-5 (Class 10-100) environments

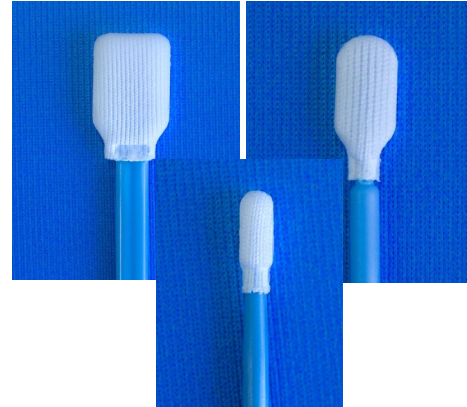
### Contamination Characteristics

#### Particles

Releasable Particles > 0.5µm < 1600 counts/swab

#### Ion Content

Chloride (Cl-): < 0.11 µg/swab  
Sulphate (SO42-): < 0.11 µg/swab  
Total Anions: <0.6µg/swab



#### Non-Volatile Residue

IPA extractant: < 0.05 mg/swab  
DIW extractant: < 0.01 mg/swab

#### Organic Contamination

FTIR No Detectable Silicone, Amide, DOP  
TOC <50 ppb

### Ordering Information

Product #	Description	Packaging
<b>TS-P-6E</b>	Polyester Swab (Double layer) Small Paddle Head w/ 6" Long Flexible Polypropylene Handle	100 Bag (2 Inner Bags/50) 10 Bags/Case
* Polyester Head:	100% Continuous Filament Laundered Polyester, 140g/m <sup>2</sup>	
* Head Bond:	Thermal	* Handle Length: 145.0 mm
* Head Shape:	Paddle	* Handle Width: 3.2 mm
* Head Length:	16.5 mm	* Total Swab Length: 160.0 mm
* Head Width:	6.7 mm	* Handle Color: Blue
<b>TS-P-5E</b>	Polyester Swab (Double layer) Rigid Paddle Head w/ 5" Long Rigid Polypropylene Handle	100 Bag (2 Inner Bags/50) 10 Bags/Case
* Polyester Head:	100% Continuous Filament Laundered Polyester, 140g/m <sup>2</sup>	
* Head Bond:	Thermal	* Handle Length: 100 mm
* Head Shape:	Paddle	* Handle Width: 5 mm
* Head Length:	24 mm	* Total Swab Length: 123 mm
* Head Width:	12 mm	* Handle Color: Blue
<b>TS-P-3E</b>	Polyester Swab (Double layer) Small Round Head w/ 3" Long Polypropylene Handle	100 Bag (5 Bags/Pack) 5 Packs/Case
* Polyester Head:	100% Continuous Filament Laundered Polyester, 140g/m <sup>2</sup>	
* Head Bond:	Thermal	* Handle Length: 60.0 mm
* Head Shape:	Small Round	* Handle Width: 2.2 mm
* Head Length:	11 mm	* Total Swab Length: 70 mm
* Head Width:	3.2 mm	* Handle Color: Blue