

# Polyester Knit ESD Swab

## Product Description

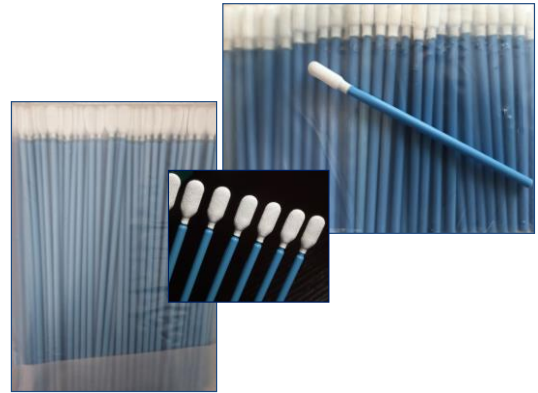
The TekniSwab is an excellent critical-purpose ESD swab that features exceptional cleanliness & performance with with rigid handle providing consistent force & cleanliness for cleaning small and hard to reach areas. Constructed with double layers of our Tekniclean fabric & is the ideal swab to effectively eliminate or quantify contamination on surfaces. Static dissipative handle allows for safe use in static sensitive environments. Cleanroom laundered double layer head has high solvent capacity and cleaning efficacy. 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
- \* Compatible with most common solvents.

### Applications

- \* Cleaning small, slotted and hard to reach areas with solvents
- \* Performing Cleaning Validation or Sampling
- \* Remove flux residues and excess materials.
- \* For critical surface cleaning in ESD environments
- \* Compatible with ISO Class 4-7 (Class 10-10000) environments



### Contamination Characteristics

#### **Particles**

Releasable Particles: < 1200 counts/swab  
> 0.5µm

#### **Ion Content**

Chloride (Cl-): < 0.11 µg/swab  
Sulphate (SO42-): < 0.11. µg/swab

#### **Non-Volatile Residue**

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

#### **Organic Contamination**

FTIR No Detectable Silicone, Amide, DOP

#### **ESD Properties**

Surface Resistivity: 10<sup>-9</sup> to 10<sup>-10</sup>

### Product #

### Ordering Information

### Packaging

#### **TS-P-3E**

Polyester ESD Swab (Double layer)  
Small Round Head w/ 3" Rigid Handle

100 Bag  
10 Bags/Case

- |                   |   |                      |               |
|-------------------|---|----------------------|---------------|
| * Polyester Head: | 100% Continuous Filament Laundered Polyester, 140g/m <sup>2</sup> | * Handle Length:     | 58 mm         |
| * Head Bond:      | Thermal   | * Handle Width:      | 3.2 mm        |
| * Head Shape:     | Round   | * Total Swab Length: | 70 mm         |
| * Head Length:    | 12 mm   | * Handle Color:      | Blue          |
| * Head Width:     | 4 mm  | * Handle Material:   | Polypropylene |
| * Head Thickness  | 3.6 mm  |                      |               |

#### **TS-P-6E**

Polyester ESD Swab (Double layer)  
Paddle Head w/ 6" Flexible Handle

100 Bag  
10 Bags/Case

- |                   |   |                      |               |
|-------------------|---|----------------------|---------------|
| * Polyester Head: | 100% Continuous Filament Laundered Polyester, 140g/m <sup>2</sup> | * Handle Length:     | 145.0 mm      |
| * Head Bond:      | Thermal   | * Handle Width:      | 3.2 mm        |
| * Head Shape:     | Paddle  | * Total Swab Length: | 160.0 mm      |
| * Head Length:    | 16.5 mm   | * Handle Color:      | Blue          |
| * Head Width:     | 6.7 mm  | * Handle Material:   | Polypropylene |
| * Head Thickness: | 2.8 mm  |                      |               |