



Innovative  
Contamination  
Solutions

## TekniSwab Mixed Weave ESD Microfiber Swab

### Product Description

The TekniSwab is an excellent critical-purpose ESD swab that features our textured microfiber for best "pick-up" providing consistent force & cleanliness for cleaning small and hard to reach areas. Constructed with double layers of microfiber & polyester fabric, the ideal swab to effectively eliminate or quantify contamination on surfaces. Cleanroom laundered double layer head possesses high solvent capacity. Free from organic contaminants such as silicone, amide and phthalate esters. Its highest cleanliness & best "pick-up" makes it ideal in cleaning or sampling large surfaces. Class 10 Laundered & Packaged

### Composition & Attributes

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

### Applications

- \* Cleaning small, slotted and hard to reach areas with solvents
- \* Applying lubricants or other liquids
- \* Remove flux residues and excess materials.
- \* Safe cleaning for ESD Static Sensitive surfaces
- \* Compatible with ISO Class 4-7 (Class 100-10000) environments

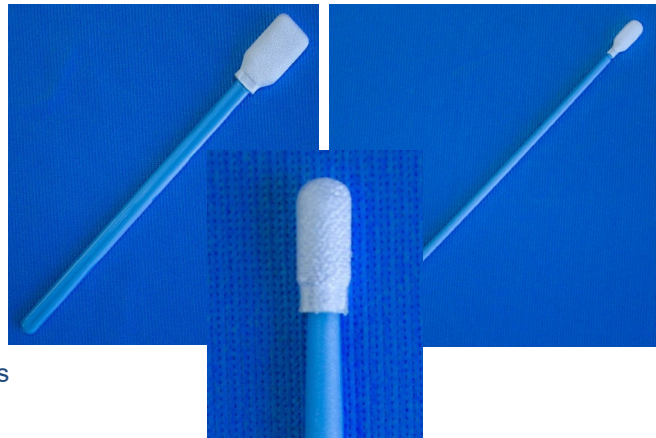
### Contamination Characteristics

#### Particles

Readily Releasable Particles > 0.5µm: < 2500 counts/swab

#### Ion Content

Chloride (Cl-): < 0.90 µg/swab  
Sulphate (SO42-): < 0.40 µg/swab  
Total Anions: < 1.30 µg/swab



#### Non-Volatile Residue

IPA extractant: < 0.40 mg/swab  
DIW extractant: < 0.15 mg/swab

#### Organic Contamination

FTIR No Detectable Silicone, Amide or DOP

#### ESD Properties

Surface Resistivity: 10<sup>-8</sup> to 10<sup>-10</sup>

### Ordering Information

#### Product #

##### TS-MW-6E

\* Microfiber Head: Flexible Paddle head w/ 6" Long Polypropylene Handle  
\* Head Bond: Thermal  
\* Head Shape: Small Paddle  
\* Head Length: 16.5 mm  
\* Head Width: 6.7 mm

##### TS-MW-5E

\* Head Bond: Thermal  
\* Head Shape: Wide Paddle  
\* Head Length: 24 mm  
\* Head Width: 12 mm

##### TS-MW-3E

\* Head Bond: Thermal  
\* Head Shape: Small Round  
\* Head Length: 10 mm  
\* Head Width: 4 mm

#### Description

70% Polyester/30% Nylon; Mixed Weave Microfiber Double Layer

\* Handle Length: 145.0 mm  
\* Handle Width: 3.2 mm  
\* Total Swab Length: 160.0 mm  
\* Handle Color: Blue

50 Bag, 2Bags/Pack, 10 Packs/Case

\* Handle Length: 100 mm  
\* Handle Width: 5 mm  
\* Total Swab Length: 123 mm  
\* Handle Color: Blue

100 Bag, 5Bags/Pack, 5 Packs/Case

\* Handle Length: 56 mm  
\* Handle Width: 2 mm  
\* Total Swab Length: 70 mm  
\* Handle Color: Blue

#### Packaging

100 Bag, 10 Bags/Case

50 Bag, 2Bags/Pack, 10 Packs/Case

100 Bag, 5Bags/Pack, 5 Packs/Case