



Innovative  
Contamination  
Solutions

## **TekniSwab** Product Description

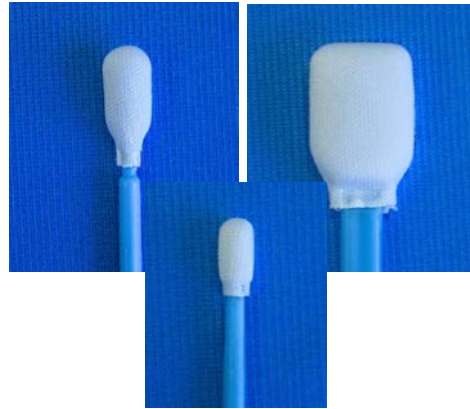
TekniSwab is an excellent critical-purpose ESD swab that features a combination of foam & textured microfiber for best "pick-up" providing consistent force & cleanliness for cleaning small and hard to reach areas. Constructed with double layers of microfiber & foam, the ideal swab to effectively remove and hold liquid or dry contaminants in volume. Cleanroom laundered microfiber & foam head possesses high solvent capacity & strength. Free of organic contaminants Highest cleanliness & best "pick-up" makes it ideal in cleaning critical surfaces. Class 100 Laundered & Packaged

### Composition & Attributes

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

### Applications

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



### Contamination Characteristics

#### **Particles**

Releasable Particles > 0.5µm: < 1,500 counts/swab

#### **Ion Content**

Chloride (Cl-): < 1.0µg/swab  
Sulphate (SO42-): < 1.0µg/swab  
Total Anions: <1.0µg/swab

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

IPA extractant: < 1.0mg/swab  
DIW extractant: < 1.0 mg/swab

#### **Organic Contamination**

FTIR No Detectable Silicone, Amide or DOP

#### **ESD Properties**

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

### **Product #**

#### **TS-FMD-6E**

- \* Microfiber Head:
- \* Head Bond:
- \* Head Shape:
- \* Head Length:
- \* Head Width:

### **Description**

Flexible head w/ 6" Long Polypropylene ESD Handle  
Polyurethane Foam Inner Layer / Knit Microfiber Outer Layer  
Thermal  
Paddle  
15mm  
6.6mm

### **Packaging**

50 Bag 20 Bags/Case

- \* Handle Length: 147mm
- \* Handle Width: 3.2 mm
- \* Total Swab Length: 162 mm
- \* Handle Color: Blue

#### **TS-FMD-5E**

- \* Microfiber Head:
- \* Head Bond:
- \* Head Shape:
- \* Head Length:
- \* Head Width:

Wide Flat head w/ Rigid 5" Long Polypropylene ESD Handle  
Polyurethane Foam Inner Layer / Knit Microfiber Outer Layer  
Thermal  
Paddle  
22.0 mm  
13.2 mm

50 Bag, 20 Bags/Case

- \* Handle Length: 103.0 mm
- \* Handle Width: 5.3mm
- \* Total Swab Length: 125.0 mm
- \* Handle Color: Blue

#### **TS-FMD-3E**

- \* Microfiber Head:
- \* Head Bond:
- \* Head Shape:
- \* Head Length:
- \* Head Width:

Rigid Small Round head w/ 3" Short Rigid Polypropylene ESD Handle  
Polyurethane Foam Inner Layer / Knit Microfiber Outer Layer  
Thermal  
Small Round  
7.4mm  
4.0 mm

500 Bag, 5 Bags/Case

- \* Handle Length: 60.0mm
- \* Handle Width: 2.5 mm
- \* Total Swab Length: 70 mm
- \* Handle Color: Blue