



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.

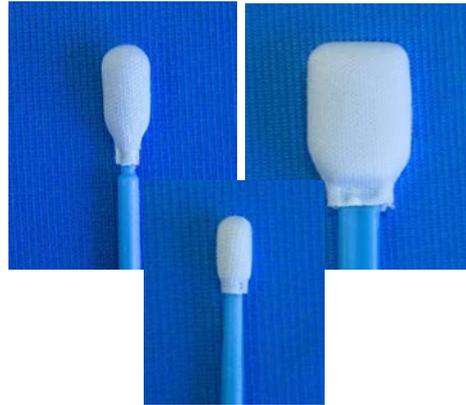
Cleanroom laundered microfiber & foam head possesses high solvent capacity & strength. Free of organic contaminants Highest cleanliness & best "pick-up" makes it ideal in cleaning critical surfaces. Class 100 Laundered & Packaged

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: 10⁻⁸ to 10⁻¹⁰

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