



Innovative
Contamination
Solutions

TekniSwab Polyurethane Foam Swab

Product Description

The TekniSwab is an excellent critical-purpose swab that features exceptional cleanliness & performance with rigid handle providing consistent force & cleanliness for cleaning small and hard to reach areas. Constructed with double layers of clean Polyurethane foam & the ideal swab to effectively eliminate contamination on critical surfaces. 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
- * Open cell Polyurethane foam head material
- * High solvent capacity, non-abrasive tip, best pick-up

Applications

- * Cleaning small, slotted and hard to reach areas
- * Remove or add flux residues and materials
- * Safe cleaning for ESD Static Sensitive surfaces
- * Compatible with ISO Class 4-7 (Class 10-10K) environments



Contamination Characteristics

Particles

Releasable Particles: < 25,000 counts/swab
> 0.5µm

Ion Content

Chloride (Cl-): < 0.02 µg/swab
Sulphate (SO42-): < 0.02 µg/swab
Total Anions: <1.0µg/swab

* Polyurethane Head: Clean Polyurethane, 100ppi, Open Cell,
* Head Bond: Thermal
* Head Shape: Paddle
* Head Length: 25 mm
* Head Width: 11 mm
* Head Thickness: 7 mm

Non-Volatile Residue

IPA extractant: < 0.03 mg/swab
DIW extractant: < 0.02 mg/swab

Organic Contamination

FTIR No Detectable Silicone, Amide, DOP

ESD Properties

Surface Resistivity: 10^{-8} to 10^{-10}

* Handle Length: 103.0 mm
* Handle Width: 5.2 mm
* Total Swab Length: 128 mm
* Handle Color: Blue
* Handle Material: Polypropylene

Ordering Information

Product #	Description	Packaging
TS-F-5	Polyurethane Foam Swab (Double layer) Paddle Head w/ 5" Rigid Handle	100 Bag (2 Inner Bags/50) 10 Bags/Case