



Innovative
Contamination
Solutions

TekniSwab Product Description

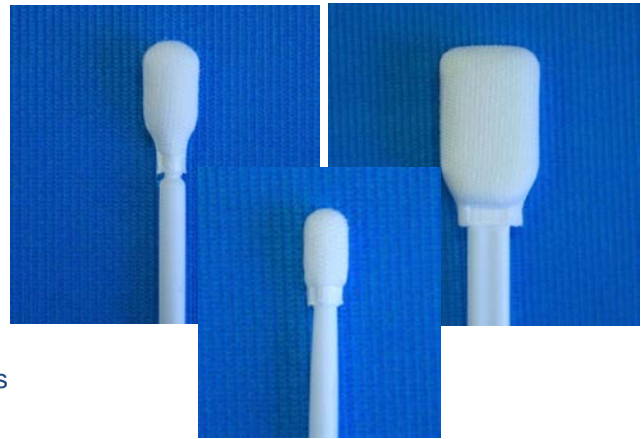
TekniSwab is an excellent critical-purpose swab that features a combination of foam & textured microfiber for best "pick-up" providing consistent force & cleanliness for cleaning small and hard to reach areas. Constructed with double layers of microfiber & foam, the ideal swab to effectively remove and 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

Readily Releasable Particles > 0.5µm: < 60,000counts/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

Ordering Information

| <u>Product #</u> | <u>Description</u> | <u>Packaging</u> |
|--------------------|---|-------------------------------|
| TS-FMD-6 | Flexible head w/ 6" Long Polypropylene Handle | 50 Bag 20 Bags/Case |
| * Microfiber Head: | Polyurethane Foam Inner Layer / Knit Microfiber Outer Layer | |
| * Head Bond: | Thermal | * Handle Length: 147mm |
| * Head Shape: | Paddle | * Handle Width: 3.2 mm |
| * Head Length: | 15mm | * Total Swab Length: 162 mm |
| * Head Width: | 6.6mm | * Handle Color: White |
| TS-FMD-5 | Wide Flat head w/ Rigid 5" Long Polypropylene Handle | 50 Bag, 20 Bags/Case |
| * Head Bond: | Thermal | * Handle Length: 103.0 mm |
| * Head Shape: | Paddle | * Handle Width: 5.3mm |
| * Head Length: | 22.0 mm | * Total Swab Length: 125.0 mm |
| * Head Width: | 13.2 mm | * Handle Color: White |
| TS-FMD-3 | Rigid Small Round head w/ 3" Short Rigid Polypropylene Handle | 50 Bag, 20 Bags/Case |
| * Head Bond: | Thermal | * Handle Length: 60.0mm |
| * Head Shape: | Small Round | * Handle Width: 2.5 mm |
| * Head Length: | 7.4mm | * Total Swab Length: 70 mm |
| * Head Width: | 4.0 mm | * Handle Color: White |