

TekniSwabCleanroom ESD Swabs

Teknipure's ESD Cleanroom Swabs are made in cleanroom conditions and are suitable for various environments sensitive to electrostatic discharge or with a high risk of static build-ups.

Variety of 100% polyester, microfiber, or high-grade 100 ppi foam head substrates provide a more precise selection of an ESD-safe swab suited to most specific application requirements.



Applications:

- Precision cleaning of small areas and parts in critical cleanroom environments sensitive to electrostatic discharge
- Applying and removing lubricants, adhesives, and other solutions
- Streak-free cleaning of sensitive surfaces such as lenses, sensors and other optics
- Absorbing liquids, scrubbing, removing materials
- Picking up fine powders

Features and Benefits:

- The swabs' handles are made from Stat-Rite®, a proprietary blend of inherently dissipative polymers based on polypropylene providing permanent electrostatic dissipative (ESD) properties without compromising cleanliness.
- No adhesives, silicone, or amides to minimize the risk of additional contamination
- Low levels of Non-Volatile Residue (NVR) and ions
- Excellent chemical compatibility with a variety of solutions
- · Lot and bar-coded for traceability

Industries:

- Semiconductor / Microelectronics
- · Aerospace / Defense
- Medical Device / Optics
- Pharmaceutical / Biologics
- · Laboratories / Academia
- Printing / Graphics

Storage Conditions:

Store at ambient conditions (59°F (15°C) - 86°F (30°C)

Expiration date:

• 5 years from the date of manufacture



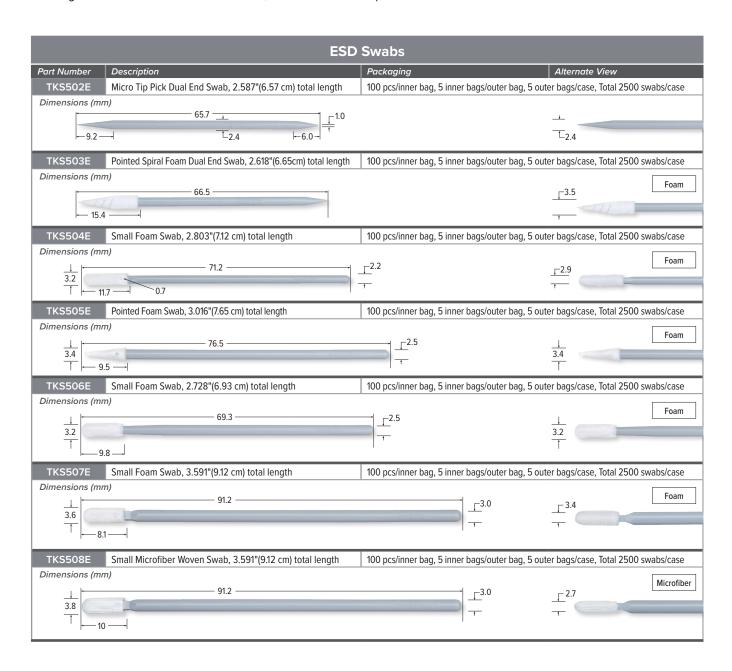


TECHNICAL DATA SHEET

Foam ESD swabs provide great absorbency and particle-capturing capabilities. These swabs are laundered using a proprietary cleaning system for additional contamination control and to minimize non-volatile residues (NVRs), ions, and other potential contaminants.

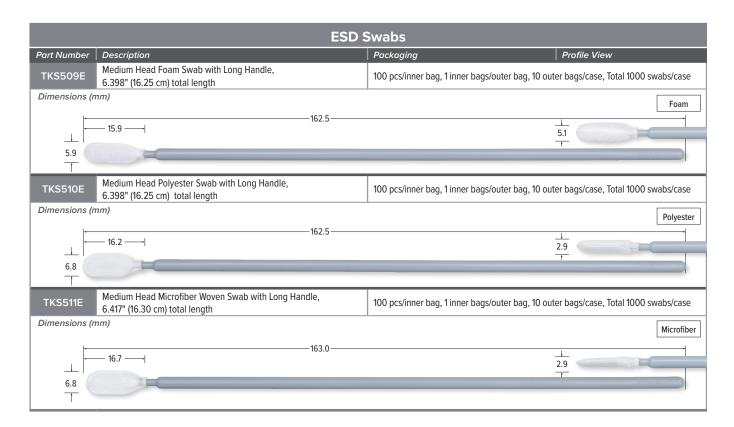
Polyester ESD swabs offer durability and abrasion resistance.

Microfiber woven ESD swabs provide softness, durability, and enhanced particle-capturing capabilities. Ideal for streak-free cleaning of sensitive surfaces such as lenses, sensors and other optics.





TECHNICAL DATA SHEET



Performance Characteristics

Nonvolatile Residue		
Extractant	Typical Value (μg/swab)	
IPA	0.58	
DI Water	0.20	

Physical Characteristics	
Handle Material	Stat-Rite® 100% Polypropylene
Head Material	100 ppi Polyurethane foam 100% Polyester Polyester/Nylon Woven Microfiber

Extractable lons	
lon	Typical Value (µg/swab)
Sodium	0.21
Potassium	0.09
Calcium	0.16
Chloride	0.54
Magnesium	0.02
Fluoride	0.18
Nitrate	O.11
Phosphate	0.38
Sulphate	0.19