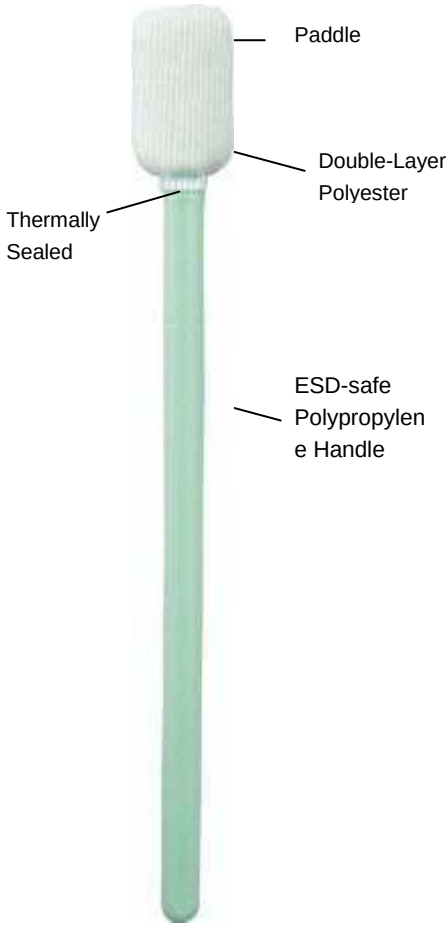
Polyester Swabs

Anti-static Cleanroom Swab is constructed from Double-layer knitted polyester that is free from organic contaminants such as silicone, amides or phthalate esters. The cloth is thermally bonded to the handle, thus, eliminating the use of contaminating adhesive or coatings. Laundered and packed under an ISO Class 4 Cleanroom, the polyester exhibits low particulate and ionic content. It has excellent compatibility with most common solvents including acetone as well as excellent absorbency and solvent-holding capacity.



The head is designed for cleaning small, slotted and recessed areas. The excellent cleaning is controlled and supported flexible Paddle.

The swab handle is ESD-safe and is made from polypropylene. The handle is compact and will not contribute to particulate or organic contamination. Designed for general purpose cleaning, Swabs are the ideal swabs to use in cleaning static sensitive components or parts

Features:

- Free from silicone, amide and DOP
- Low non-volatile residue
- Low in both particles and ion content
- Good absorbency
- Compatible with most common solvents
- No contaminating adhesives or coatings

Applications:

- Micro-mechanical cleaning
- Remove contamination from disk drives
- Effectively clean small, hard to reach areas with solvents such as IPA
- Remove flux residue and excess materials
- For general purpose cleaning

Physical Characteristics

Property	Description / Typical Values
Head material	Double Knitted Polyester
Head Bond	Thermally bonded
Head width	13mm
Head thickness	3.0mm
Head length	24.0mm
Handle material	Polypropylene
Handle width	5.2mm
Handle Length	104.0 mm
Total Swab Length	128.0 mm

Contamination Characteristics

Particles, Readily releasable	
Particles 0.5 um	<3000 counts/swab
Non-volatile Residue	
DI Water	≤0.11 mg/swab
IPA	≤0.32 mg/swab
Ion Content	
Chloride	≤0.25 ug/swab
Sulphate	≤0.36 ug/swab
Total anions	≤0.61 ug/swab

Organic Contamination

No detectable silicone oil, amide or DOP.

ESD Characteristics

Handle Resistivity	10×10^{10} Ohms/Sq