

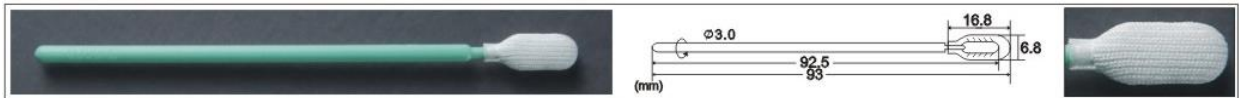


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## SWAB SPECIFICATION SHEET

**Product No.** QL-093DPCT-ESD1



**Product Description** 93mm Polyester Flat Tip Swab

### Features/Benefit

- Packing: 100 Swabs/Pack, 150 Packs/ Case
- Handle Width: 3.1mm
- Total Swab length: 93mm
- Head material: Polyester
- Handle material: Polypropylene
- Type of Swab Head: Flat Tip
- Handle Color: black
- Polyester swab has good absorption, and low nonvolatile residue.
- Solvent resistant such as IPA and acetone.
- Low particle and fiber generation.
- Anti-static property.

### Applications

- Comply with ROHS and REACH standards.
- ISO class 5-8 Cleanroom compatible

### Performance Characteristics

Property	Typical Value	Test Method	Remarks
Electrical Resistance	10 <sup>9</sup> Ω	IEST-RP-CC004.3(2004)10	

### Contamination Characteristics

Property	Typical Value	Test Method	Remarks
LPC ≥ 0.5 μm	1,652 counts/tip	IEST-RP-CC004.3(2004)6.1.4&6.2	
NVR (IPA)	0.0129 mg/tip	IEST-RP-CC004.3(2004)7.1.2	
SO <sub>4</sub> <sup>2-</sup>	0.018 μg/tip	IEST-RP-CC004.3(2004)7.2.2	
Cl <sup>-</sup>	0.021 μg/tip	IEST-RP-CC004.3(2004)7.2.2	
Silicone	ND	IEST-RP-CC004.3(2004)7.2.1	Not Detected (<MDL)
Amine	ND	IEST-RP-CC004.3(2004)7.2.1	Not Detected (<MDL)
DOP	ND	IEST-RP-CC004.3(2004)7.2.1	Not Detected (<MDL)

- Note: Data in the table represents typical analysis of the swab at time of publication.
- Q-Leap lab meets ISO 17025 Standards for testing cleanroom materials.
- Q-Leap production facility is ISO 9001:2008 and ISO 14001:2004 certified.