



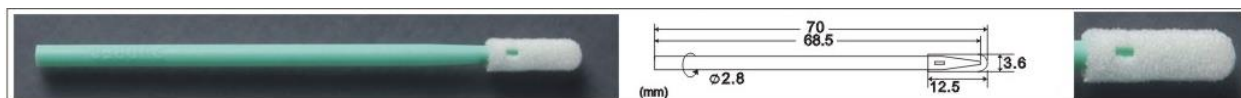
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SWAB SPECIFICATION SHEET

Part No.: QL-070DFRT-ESD1

Product Description: 70 mm foam round tip, anti-static handle



Features:

- Handle material: ESD PP, 2.7 mm dia., 58 mm length, black color
- Head material: Open-cell PU foam, round-tip, 12 mm head length
- Total swab length: 70 mm
- Packaging: 100 pcs/inner bag, 5 inner bag/outer bag, 40 bags/carton, (20,000 pcs/carton)

Applications/benefit:

- Good liquid absorption and capacity
- Can be used with solvent such as alcohol, acetone and IPA
- Low fiber and particle generation
- Anti-static property
- ROHS, REACH compliant
- Cleanroom ISO class 5-8 compatible

Performance Characteristics

Property	Typical Value	Test Method	Remarks
Electrical Resistance	$1 \times 10^9 \Omega$	IEST-RP-CC004.3 (2004) 10	

Contamination Characteristics

Property	Typical Value	Test Method	Remarks
LPC $\geq 0.5 \mu\text{m}$	2,843 counts/tip	IEST-RP-CC004.3 (2004) 6.1.4 & 6.2	
NVR (DIW)	0.0423 mg/tip	IEST-RP-CC004.3 (2004) 7.1.2	
NVR (IPA)	0.1027 mg/tip	IEST-RP-CC004.3 (2004) 7.1.2	
SO ₄ ²⁻	0.097 $\mu\text{g/tip}$	IEST-RP-CC004.3 (2004) 7.2.2	
Cl ⁻	0.062 $\mu\text{g/tip}$	IEST-RP-CC004.3 (2004) 7.2.2	
Silicone	ND	IEST-RP-CC004.3 (2004) 7.2.1	<MDL
Amine	ND	IEST-RP-CC004.3 (2004) 7.2.1	<MDL
DOP	ND	IEST-RP-CC004.3 (2004) 7.2.1	<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.