

Lab-Tips® ESD Swab-LT070PESD

Small ESD Swab with Pointed Tip

Cleanroom laundered 100 ppi open cell foam sock swab

The LT070PESD swab with pointed head features an ESD safe handle, engineered with static dissipative polymer. Its laundered open cell foam head combines superior cleanliness with particle entrapment capability. Its ridged head design further enhances cleaning efficiency. The small tapered handle and rigid tip provide maximum control.



Key Attributes

- Cleanroom laundered polyurethane foam over rigid tip
- 100 ppi open cell foam
- Static dissipative polypropylene handle with thermally bonded head
- Laundered and packaged in ISO Class 4 {Class 10} cleanroom

Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Free from Silicone, amides and DOP
- Ridged surface for improved cleaning ability
- Packaged in an anti-static bag.

Environmental

- Complies with RoHS and REACH requirements

Applications

- Designed for the highest level of contamination control in critical processing applications
- Applying lubricants, adhesives or other liquids
- Removing excess materials
- Static-sensitive applications

Physical Characteristics

Head Material	Open Cell Foam	Handle Thickness	2.5mm {0.098"}
Head Width	4mm {0.157"}	Handle Length	50mm {1.97"}
Head Thickness	4mm {0.157"}	Total Swab length	70mm {2.75"}
Head Length	20mm {0.787"}	Head Bond	Thermal
Handle Material	Polypropylene	Handle Text	Berkshire
Handle Width	2.5mm {0.098"}		

Other Foam sock tip swabs

- LT01465ESD Long handle
- LT070RESD Small handle rigid head swab

Technical Data:

ATTRIBUTE		LTO70PESD	TEST METHODS
Surface Resistance of Handle	ohms	1.0 x 10 ⁹	ANSI/ESD STM 11.13
Volume Resistance of Handle	ohms	1.0 x 10 ⁸	ANSI/ESD STM 11.13
Non-Volatile Residue	IPA mg/swab	0.054	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.014	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.026	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0053	
	Calcium	0.029	
	Sodium	0.0039	
	Magnesium	0.0021	

Notes:

- Data shown are typical values
 - Due to differences in test methods applied and equipment utilized by different swab manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- * ND* = below the detection limit of the equipment.

Order Information:

Product	Part Number	Size	Swabs/Pk	Pks/Cs	Case size
Small ESD Foam w/ Pointed Tip	LTO70PESD20	70mm	100	20	235 x 105 x 85mm

Other Berkshire products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs