

## Lab-Tips® ESD Swab-LT070RESD

### Small Open Cell Foam ESD Swab with Rigid Tip

Cleanroom laundered 100 ppi reticulated foam sock head swab

The LT070RESD Swab with the rigid tip features an ESD safe handle, engineered with static dissipative polymer. It is an excellent general purpose swab for cleaning small and confined areas. It's cleanroom laundered open cell foam head combines superior cleanliness with particle entrapment capability.

A small rigid handle and rigid core provide firm support and precise control.



#### Key Attributes

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

#### Benefits

- Low particles, fibers, ions and extractables
- Good chemical resistance
- Soft and non-abrasive with no contaminating adhesives
- Good sorbency and excellent solvent hold
- Free from Silicone, amides and DOP
- 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
- Cleaning of sensitive equipment
- Applying lubricants and other liquids
- Removing excess materials
- Static-sensitive applications

#### Physical Characteristics

<b>Head Material</b>	Open Cell Foam	<b>Handle Thickness</b>	2.8mm {0.110"}
<b>Head Width</b>	4mm {0.157"}	<b>Handle Length</b>	58mm {2.28"}
<b>Head Thickness</b>	4mm {0.157"}	<b>Total Swab Length</b>	70mm {2.75"}
<b>Head Length</b>	12.5mm {0.492"}	<b>Head Bond</b>	Thermal
<b>Handle Material</b>	Polypropylene	<b>Handle Text</b>	Berkshire
<b>Handle Width</b>	2.8mm {0.110"}		

#### Other Foam sock tip swabs

- LT070PESD Pointed swab
- LT01465ESD Long handle swab

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## Technical Data:

ATTRIBUTE		LTO70RESD	TEST METHOD
Surface Resistivity of Handle	ohms	1.0 x 10 <sup>9</sup>	ANSI/ESD STM 11.13
Volume Resistance of Handle	ohms	1.0 x 10 <sup>8</sup>	ANSI/ESD STM 11.13
Non-Volatile Residue	IPA mg/swab	0.035	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.044	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.022	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.0038	
	Calcium	0.024	
	Sodium	0.081	
	Magnesium	0.0043	

## 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/ Rigid Tip	LTO70RESD20	70mm	100	20	235 x 105 x 85mm

## Other Berkshire Products



Wipers



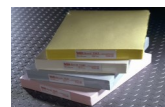
Mop Systems



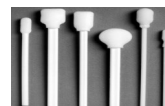
Face Masks



Glove Liners



Documentation Systems



Swabs