

Lab-Tips® ESD Swab-LT070RES D

Small Open Cell Foam ESD Swab with Rigid Tip

Cleanroom laundered 100 ppi reticulated foam sock head swab

The LT070RES D 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. Its 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, fibres, 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

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

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

Other Foam sock tip swabs

- LTO70PES D Pointed swab
- LTO1465ES D Long handle swab

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Technical Data:

ATTRIBUTE		LTO70RESD	TEST METHOD
Surface Resistivity 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	0.035	IEST-RP-CC004.4 Sec 8.1.2
Ions (µg/swab)	Chloride	0.044	IEST-RP-CC004.4 Sec 8.2.2
	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 utilised 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



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs