

Lab-Tips® ESD Swab-LTP1465ESD

ESD Knitted Polyester Swab with Long Handle

Cleanroom laundered double layer 100% polyester knit swab

The LTP1465ESD swab features an ESD long handle, engineered with static dissipative polymer. It is a general purpose swab specially suited for cleaning hard to reach areas. Its flexible paddle tip and durable cleanroom laundered knit head are excellent for rigorous cleaning applications.



Key Attributes

- Cleanroom laundered 100% continuous filament polyester knit head
- Long polypropylene handle with a flexible paddle head
- Laundered and packaged in ISO Class 4 {Class 10} cleanroom
- Static dissipative polypropylene handle with thermally bonded head

Benefits

- Critically low particles, fibers, ions and extractables
- High abrasion resistance for rigorous cleaning applications
- Excellent chemical resistance
- No contaminating adhesives
- Good sorbency
- 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
- Surface sampling
- Cleaning validation
- Static sensitive applications
- Cleaning with solvents

Physical Characteristics

Head Material	Knitted Polyester	Handle Thickness	3.1mm {0.122"}
Head Width	7mm {0.275"}	Handle Length	145mm {5.71"}
Head Thickness	4mm {0.157"}	Total Swab Length	162mm {6.38"}
Head Length	16.8mm {0.661"}	Head Bond	Thermal
Handle Material	Polypropylene	Handle Text	Berkshire
Handle Width	3.1mm {0.122"}		

Other ESD Swabs

- LTO70PESD Pointed Swab
- LTO70RESL Short handle rigid head

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Technical Data:

ATTRIBUTE		LTP1465ESD	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	0.045	IEST-RP.CC004.3, Sec 7.1.2
Ions (µg/swab)	Chloride	0.035	IEST-RP.CC004.3, Sec 7.2.2
	Sulfate	0.023	
	Nitrate	ND*	
	Phosphate	ND*	
	Fluoride	ND*	
	Potassium	0.044	
	Calcium	0.036	
	Sodium	0.015	
	Magnesium	0.0052	

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
Long Handle ESD Polyester Swab	LTP1465ESD10	162mm	100	10	180 x 150 x 170mm

Other Berkshire products



Wipers



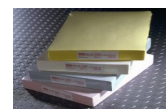
Mop Systems



Face Masks



Glove Liners



Documentation Systems



Swabs