



ESD Swabs

SWB

Description

Full range of ESD swabs designed to easily remove particle and residue, with no abrasion. Suitable for use in cleanroom (microelectronic, etc) environments. The handle is made from a patented inherently polymer to provide clean permanent protections without contributing particulate contaminates to the cleanroom. These swabs help to minimise risk of static electricity damage by providing a way for charges to ground.

Benefits

- Low particles, fibers, ions and extractables.
- Good chemical resistance.
- Good absorbency and excellent solvent hold.
- Free from Silicone, amides and DOP.
- Complies with RoHS and REACH requirements.
- Minimises risk of static electricity damage.
- Handle is manufactured from a patented inherently polymer.
- Soft and non-abrasive with no contaminating adhesives.

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.

<p>Round Tip ESD Polyester Swab (SWB5)</p> <p>Surface Resistance: $10^{15} - 10^{19}$</p>	<p>3mm Thick</p>	<p>1000 bags. 500bags/ctn. Ctn size: 49*28*49cm. Gw: about 18kg.</p>
<p>Round Tip ESD Foam Swab (SWB2)</p> <p>Surface Resistance: $10^{15} - 10^{19}$</p>	<p>3.3mm Thick</p>	<p>500 bags. 500bags/ctn. Ctn size: 49*28*49cm. Gw: about 18kg.</p>
<p>Sharp ESD Swab Stick (SWB1)</p> <p>Surface Resistance: $10^{15} - 10^{19}$</p>		<p>1000 bags. 500bags/ctn. Ctn size: 49*28*49cm. Gw: about 18kg.</p>
<p>Sharp Tip ESD Foam Swab (SWB3)</p> <p>Surface Resistance: $10^{15} - 10^{19}$</p>	<p>3mm Thick</p>	<p>500 bags. 500bags/ctn. Ctn size: 49*28*49cm. Gw: about 18kg.</p>
<p>Paddle Tip ESD Foam Swab (SWB4)</p> <p>Surface Resistance: $10^{15} - 10^{19}$</p>	<p>5mm Thick</p>	<p>400 bags. 200bags/ctn. Ctn size: 49*28*49cm. Gw: about 21kg.</p>
<p>Paddle Tip ESD Polyester Swab (SWB6)</p> <p>Surface Resistance: $10^{15} - 10^{19}$</p>	<p>2.9mm Thick</p>	<p>400 bags. 200bags/ctn. Ctn size: 49*28*49cm. Gw: about 21kg.</p>





ESD Swabs

SWB

Technical Data	
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.CC004.3, 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

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.

Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. ESD Swabs, November 30th 2020.