

# **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.

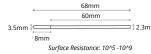
## **Benefits**

- 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.

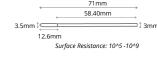
# **Applications**

- 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.

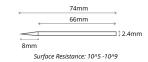
#### **Round Tip ESD Polyester** Swab (SWB5)



#### **Round Tip ESD Foam** Swab (SWB2)



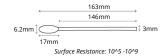
#### **Sharp ESD Swab** Stick (SWB1)



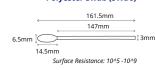
### **Sharp Tip ESD Foam** Swab (SWB3)



#### **Paddle Tip ESD** Foam Swab (SWB4)



#### Paddle Tip ESD Polyester Swab (SWB6)





1000 bags. 500bags/ctn. Ctn size: 49\*28\*49cm Gw: about 18kg.



500 bags. 500bags/ctn. 49\*28\*49cm Gw: about 18kg.



1000 bags 500bags/ctn. Ctn size: 49\*28\*49cm Gw: about 18kg.



500 bags. 500bags/ctn. Ctn size: 49\*28\*49cm Gw: about 18kg.



400 bags. 200bags/ctn. Ctn size: 49\*28\*49cm Gw: about 21kg.



400 bags 200bags/ctn Ctn size: 49\*28\*49cm Gw: about 21kg.









# **ESD Swabs**

SWB

Technical Data	
Surface Resistivity Of Handle (ohms)	1.0 x 109 ANSI/ESD STM 11.13
Volume Resistance Of Handle (ohms)	1.0 x 108 ANSI/ESD STM 11.13
Non-Volatile Residue (IPA mg/swab)	0.035 IEST-RP.CC004.3, Sec 7.1.2
lons (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.