

ESD Brush Set

BRUSHSET

Description

Bondline's ESD Brush Set includes a pack of 4 conductive brushes in a range of sizes, suitable for many applications. The brushes included in the brush set allow for the safe cleaning of ESD sensitive electronic components and assemblies without generating any harmful static charge. The bristles are made from conductive nylon (PA) and the handles are made from conductive polypropylene (PP). These brushes do not produce dust particles which makes them suitable for use for those with dust allergies. Each brush consists of 40% polypropylene, 45% polyamide and 15% carbon fibre. Brushes included within the ESD Brush Set can also be purchased separately.



Key Features

- Strong, black, conductive polypropylene handle.
- Soft, black, conductive nylon bristles.
- KB925 brush has an easy-to-grip handle.
- Suitable for cleaning PCBs and other static sensitive components.
- Construction: 40% Polypropylene, 45% Polyamide, 15% Carbon Fibre.
- 1x Pack includes: 4x ESD-safe brushes of different sizes and shapes.
- Minimises static charge generation and dissipates static charges to ground when brush is held by grounded personnel.
- Compliant according to IEC-61340-5-1 International Standard.
- RoHS and REACH compliant.

Standards & Regulations

-  RoHS compliant
-  REACH compliant
-  CE certified
-  IEC-61340-5-1 compliant

ESD Brush Set Includes:

Part Code	Description	Brush Length	Brush Width	Bristle Size	Bristle Length
KB5120	Small ESD Brush With 1 Hole	-	-	-	-
KB923	155mm ESD Brush	135mm	8mm dia	5mm dia	10mm
KB925	175mm ESD Brush	175mm	14mm	57 x 10mm	20mm
KB927	255mm ESD Brush	255mm	11mm	130 x 5mm	30mm

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Technical Specification	Typical Values
Materials	40% Polypropylene; 45% Polyamide; 15% Carbon Fibre
Handle Material	Conductive Polypropylene (PP)
Bristle Material	Conductive Nylon (PA)
Surface Resistance	$10^{(3)} \Omega \times 10^{(5)} \Omega$
Temperature Range	From 5 to 105°C, with intermittent use recommended at the extremity of the range

Physical Property	Test Methods	PP Material
Surface Resistance	Ohms	$10^{(3)} \Omega \times 10^{(5)} \Omega$
Tensile Strength	ASTM D638	3,000 psi
Elongation	ASTM D638	20 psi %
Static Decay Rate +5000v to 50v	FTM-1018, Method 4046 MIL-881705C	<2 seconds