



## PRODUCT

# ESD Brush Range

## TECHNICAL DATASHEET

## DESCRIPTION

Antistat have a wide variety of ESD brushes on offer. We may only have a few listed as part of our core items on the website, however we are able to offer a much larger range. If you have any queries regarding conductive brushes, then please do not hesitate to contact one of our experienced sales team on +44 (0)1473 836 200.

## FEATURES

- Suitable for cleaning PCBs
- For both abrasion and residue removal
- Removes dirt on PCBs or other sensitive components
- Brushes minimise static charge generation and dissipate ESD charges to ground when held by grounded personnel

PRODUCT CODE	DESCRIPTION	BRISTLE AREA (MM)	BRUSH LENGTH (MM)	ADDITIONAL NOTES
154-0112	ESD Brush	16 x 3 x 12	131	Each
154-0123	ESD Brush Toothbrush Style, Small	34 x 10 x 16	180	Each
154-0104	ESD Brush EB-WA Style	22 x 10 x 12	142	Each
154-0141	ESD Brush	12 x 6 (Round)	105	Each
154-0149	ESD Brush Toothbrush Style, Medium	86 x 18	230	Each
154-0150	ESD Brush Toothbrush Style, Large	131 x 32	225	Each

To request a quotation or for more information, please call **+44 (0)1473 836200**  
email [info@antistat.co.uk](mailto:info@antistat.co.uk) or visit [www.antistat.co.uk](http://www.antistat.co.uk)

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PRODUCT CODE	DETAILS	IMAGE
154-0112	<p><b>Specification</b> Handle size: 18 x 131mm length Comb length: 12mm</p> <p><b>Characteristics</b> The handle is made of dissipative plastic (<math>10^6</math>-<math>10^9</math> Ohms) and the comb is made of dissipative plastic (<math>10^8</math> - <math>10^{10}</math> Ohms)</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Removes dirt on PCBs or other sensitive components</li> <li>Brushes minimise static charge generation and dissipates ESD charges to ground when held by grounded personnel</li> <li>Firm bristles are mainly for electronics, especially circuit boards</li> </ul>	
154-0123	<p><b>Application</b> Used to clean PC boards and parts etc.</p> <p><b>Specification</b> Made of conductive Plastic (handle) with Conductive Nylon (fibre) Handle length: 180mm Fibre: 34 x 10 x 16mm (height) Surface Resistance <math>10^4</math>-<math>10^6</math> Ohms Colour: Black Marking: "CONDUCTIVE BRUSH" stamped on handle</p>	
154-0104	<p><b>Specification</b> Bristles length: 12mm Total brush length: 142mm Bristle area: 22 x 10mm</p> <p><b>Characteristics</b> Designed to operate in specific sites of the board. Electrical resistance <math>10^4</math> Ohms.</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>Aids in the removal of oil, greases, solder melts and other residues from PCB's. To be used in conjunction with solvents, degreasers and fluxes</li> <li>Brushes minimise static charge generation and conducts ESD charges to ground when held by grounded personnel</li> <li>Vertical shape helps to protect the hands of the operator from scratches on the fingers</li> </ul>	

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PRODUCT CODE	DETAILS	IMAGE
154-0141	<p><b>Specification</b> Handle size: 105mm length Comb size: 12mm</p> <p><b>Characteristics</b> The handle is made of dissipative plastic <math>10^6 - 10^9</math> Ohms and the comb is made of dissipative plastic <math>10^8-10^9</math> Ohms</p> <p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Removes dirt on PCBs or other sensitive components, and discharges the static electricity to the ground</li> <li>• Brushes minimise static charge generation and dissipates ESD charges to ground when held by grounded personnel</li> <li>• Firm bristles are mainly for electronics, especially circuit boards</li> </ul>	
154-0149	<p><b>Specification</b> Bristle length: 86mm Bristle height: 18mm Total length: 230mm</p> <p><b>Characteristics</b> Made from conductive plastic, with low to no static generation synthetic fibre, and surface resistance of <math>10^3-10^8</math> Ohms</p> <p><b>Applications</b> Ideal for removing dust, dirt and leftover materials from PCBs and other static sensitive components.</p>	
154-0150	<p><b>Specification</b> Bristle length: 131mm Bristle height: 32mm Total length: 255mm</p> <p><b>Characteristics</b> Made from conductive plastic, with low static generating synthetic fibre, and surface resistance of <math>10^3-10^8</math> Ohms</p> <p><b>Applications</b> Ideal for removing dust, dirt and leftover materials from PCBs and other static sensitive components.</p>	

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