

# NEW ESD Brush Range

KB

## Description

Bondline have a wide variety of ESD brushes on offer to suit your application. Our brush range has been specially developed for the safe cleaning of static sensitive components without generating any harmful static charges. If you have any queries regarding ESD brushes, then please do not hesitate to contact one of our experienced sales team on +44 (0)1793 511000 or send us an email to sales@bondline.co.uk.

## Product Features

- Suitable for cleaning PCBs.
- For both abrasion and residue removal.
- Removes dirt on PCBs or other static sensitive components / assemblies.
- Brushes minimise static charge generation and dissipate static charges to ground when held by grounded personnel.
- Strong conductive polypropylene handle.
- Highly conductive nylon bristles.
- Uses corona discharge to dissipate charges.
- Important tool for any ESD controlled workstation.
- No harmful charges build up when brushing.
- Black brush handle and bristles.

## Toothbrush style



## Flat style brush



## Nail brush style



## Paintbrush style



## Standards and Regulations Compliance



RoHS compliant



CE certified



REACH compliant



IEC 61340-5-1 / ANSI/ESD S20.20\*1999 / EN61340-5-1


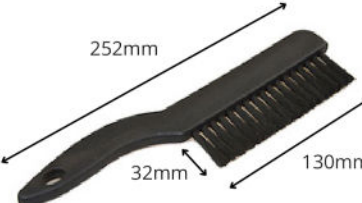
# NEW ESD Brush Range

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Product Code	Details	Image
KB5102	<p><b>Specification:</b>            Brush length: 175mm            Bristle length: 16mm            Length of row: 35mm            20 holes in 3 lines</p> <p><b>Characteristics:</b>            Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b>            For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Small, round, toothbrush style</li> <li>• Easy-to-grip, ergonomic handle</li> </ul>	
KB5103	<p><b>Specification:</b>            Brush length: 175mm            Bristle length: 18mm            Length of row: 60mm            20 holes in 2 lines</p> <p><b>Characteristics:</b>            Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b>            For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Medium, round, toothbrush style</li> <li>• Easy-to-grip, ergonomic handle</li> </ul>	

# ESD Brush Range


KB

Product Code	Details	Image
KB5104	<p><b>Specification:</b>            Brush length: 225mm            Bristle length: 22mm            Length of row: 90mm            34 holes in 3 lines</p> <p><b>Characteristics:</b>            Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b>            For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Medium, round, toothbrush style</li> <li>• Easy-to-grip, ergonomic handle</li> </ul>	
KB5106	<p><b>Specification:</b>            Brush length: 252mm            Bristle length: 32mm            Length of row: 130mm            17 holes in 1 line</p> <p><b>Characteristics:</b>            Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b>            Ideal for removing dust, dirt and leftover materials from PCBs and other static sensitive components.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Large, toothbrush style with long, narrow brush head</li> <li>• Easy-to-grip, ergonomic handle</li> </ul>	



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Product Code	Details	Image
KB5107	<p><b>Specification:</b>            Brush length: 385mm            Bristle length: 48mm            Length of row: 215mm            33 holes in 1 line</p> <p><b>Characteristics:</b>            Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b>            Ideal for removing dust, dirt and leftover materials from PCBs and other static sensitive components.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Large toothbrush style with long, narrow brush head</li> <li>• Easy-to-grip, ergonomic handle</li> </ul>	
KB5108	<p><b>Specification:</b>            Brush length: 143mm            Bristle length: 25mm            Length of row: 33mm            7 holes in 1 line</p> <p><b>Characteristics:</b>            Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b>            For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</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
KB5109	<p><b>Specification:</b> Brush length: 143mm Bristle length: 25mm Length of row: 45mm 9 holes in 1 line</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• ESD flat style brush</li> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Vertical shape helps to protect the hands of the operator from scratches on the fingers</li> </ul>	
KB5110	<p><b>Specification:</b> Brush length: 170mm Bristle length: 25mm Length of row: 60mm 12 holes in 1 line</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• ESD flat style brush</li> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</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
KB5111	<p><b>Specification:</b> Brush length: 151mm Bristle length: 30mm Length of row: 20mm 3 holes in 1 line</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> Removes dirt on PCBs or other sensitive components.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Ensures no harmful charges build up when brushing</li> <li>Safe for use on static sensitive components</li> <li>Uses corona discharge to dissipate charges</li> <li>ESD flat style brush</li> </ul>	
KB5112	<p><b>Specification:</b> Brush length: 170mm Bristle length: 40mm Length of row: 45mm 6 holes in 1 line</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>Ensures no harmful charges build up when brushing</li> <li>Safe for use on static sensitive components</li> <li>Uses corona discharge to dissipate charges</li> <li>ESD flat style brush</li> </ul>	





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Product Code	Details	Image
KB5113	<p><b>Specification:</b> Brush length: 170mm Bristle length: 40mm Length of row: 60mm 8 holes in 1 line</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> Removes dirt on PCBs or other sensitive components.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• ESD flat style brush</li> </ul>	
KB1	<p><b>Specification:</b> Brush length: 90mm 50 holes in 5 lines</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Grip style brushing action</li> <li>• Nail brush style</li> </ul>	

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Product Code	Details	Image
KB5117	<p><b>Specification:</b> 7 holes in 3 lines</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> Removes dirt on PCBs or other static sensitive components, and discharges the static electricity to the ground.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Round, ESD paintbrush style</li> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Firm bristles are mainly for electronics, especially circuit boards</li> </ul>	
KB5118	<p><b>Specification:</b> 11 holes in 2 lines</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> For cleaning PC boards and parts, etc.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• ESD paintbrush style</li> <li>• Ensures no harmful charges build up when brushing</li> <li>• Safe for use on static sensitive components</li> <li>• Uses corona discharge to dissipate charges</li> <li>• Firm bristles are mainly for electronics, especially circuit boards</li> </ul>	



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KB5120	<p><b>Specification:</b> 1 hole</p> <p><b>Characteristics:</b> Strong conductive polypropylene handle with a resistance of <math>10^4 \Omega \sim 10^6 \Omega</math>. Dissipative nylon fibre bristles with a resistance of <math>1 \times 10(8) - 1 \times 10(10) \Omega</math>.</p> <p><b>Application:</b> Removes dirt on PCBs or other static sensitive components, and discharges the static electricity to the ground.</p> <p><b>Features:</b></p> <ul style="list-style-type: none"><li>• Small ESD brush</li><li>• Ensures no harmful charges build up when brushing</li><li>• Safe for use on static sensitive components</li><li>• Uses corona discharge to dissipate charges</li><li>• Firm bristles are mainly for electronics, especially circuit boards</li></ul>	

To request a quotation or for more information, please call **+44 (0)1793 511000** or email [sales@bondline.co.uk](mailto:sales@bondline.co.uk) or visit [www.bondline.co.uk](http://www.bondline.co.uk).



# Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary, no obligation advice by speaking with one of our technical experts today.

