



## 145mm ESD Brush

KB921

### Description

145mm ESD round brush allows the safe cleaning of ESD sensitive assemblies without generating any harmful static charges. The brush hair is manufactured from a conductive PA material and the brush handle is made from a conductive PP material. This ESD brush does not produce dust particles and it consists of 40% polypropylene, 45% polyamide and 15% carbon fibre.



### Key Features

- Strong, conductive polypropylene handle.
- Manufactured with soft, conductive fibres.
- Brush Length: 145mm. Brush Width: 10mm.
- Bristle Size: 12 x 5mm. Bristle Length: 15mm.
- Standard compliance: ANSI/ESD S20.20\*1999 requirements EN61340-5-1.

Specifications	
<b>Materials</b>	Polypropylene 40% Polyamide 45% Carbon Fibre 15%.
<b>Handle Material</b>	Conductive Polypropylene.
<b>Bristle Material</b>	Nylon.
<b>Surface Resistance</b>	$10^3 \Omega \times 10^5 \Omega$ .
<b>Temperature Range</b>	From 5 to 105°C, with intermittent use recommended at the extremity of the range.

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



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