



## 160mm ESD Brush

BR69066

### Description

A 160mm flat brush with a conductive polypropylene handle and conductive fibres consisting of 40% polypropylene, 45% polyamide and 15% carbon fibre. Designed to absorb the charge and pass it to the ground. These brushes avoid any static build up and existing charges are reduced more effectively with the use of either water or alcohol.

### Key Features

- Strong, conductive polypropylene handle.
- Manufactured with soft, conductive fibres.
- Brush Length: 160mm. Brush Width: 18mm.
- Bristles (H/W/L): 30 x 10 x 20mm. Hair Length: 20mm.
- Features ESD susceptible symbol.
- Standard compliance: ANSI/ESD S20.20\*1999 requirements EN61340-5-1.



This brush allows the safe cleaning of ESD sensitive assemblies without generating any harmful static charges.

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>	$1.10^4 \Omega < x < 1.10^9 \Omega$ .
<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.	$1.10^4 \Omega < x < 1.10^9 \Omega$ .
<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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