



Vermason Conductive Plastic Brushes consist of a conductive plastic handle and Thunderon conductive fibres, mixed with animal hair if stiffness is desired. Resistance from the tip of the brush to the handle is  $1 \times 10^4$  to  $< 1 \times 10^7$  ohms. Brushes should be used by operators who are ground to earth protective ground dissipate electrostatic charges. Stiff brush fibres are for scrubbing whilst soft fibres are for the brushing of delicate items such as optics and diskettes.

“Risks of damage to semiconductor devices and some other electronic components arise in two main ways from static electricity:

Discharges of static electricity from conductors or charged insulators causing melting and evaporation of fine tracks on integrated circuit chips;  
Electric fields from charged conductors and insulators causing electrical breakdown on insulation between features on integrated circuits.” (EN 61340-5-2 Introduction)

“A static audit with an electrostatic field meter should be carried out to determine the levels of static potential present.” (EN 61340-5-2 section 5.2.9.2)

Item #	Description
VER-27007	Brush, Angled, Hard, 30MM
VER-27008	Brush, Angled, Hard, 60MM
VER-27004	Brush, Flat, Hard, 12MM
VER-27005	Brush, Flat, Hard, 25MM
VER-27006	Brush, Flat, Hard, 50MM
VER-27010	Brush, Flat, Soft, 100MM
VER-27011	Brush, Flat, Soft, 130MM,with Handle
VER-27009	Brush, Hard, 35MMx75MM
VER-27003	Brush, Round, Hard, 6MM Diameter

Brushes are made in either Israel or United States of America.

# Vermason

## Conductive Plastic Brushes

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Drawing Number  
**VER-27007**

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