



- A. The brushes consist of a conductive plastic handle and Thunderon conductive fibres, mixed with animal hair if stiffness is desired.
- B. Resistance from the tip of the brush to the handle is 10^4 to $5 \times 10^6 \Omega$.
- C. Brushes should be used by operators who are earthed to dissipate any triboelectrical charges.
- D. Hard brushes are for scrubbing whilst soft ones are for brushing of delicate items such as optics and diskettes.
- E. The brushes may also be used by an earthed operator to remove a surface charge on a non-conductor by slowly moving the brush across the surface about 2 - 5 mm above it.

"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
238140	Hard, Round 3mm Diameter
238100	Hard, Round, 6mm Diameter
238105	Soft, Round, 6mm Diameter
238110	Hard, Flat, 12mm Wide
238115	Hard, Flat, 25mm Wide
238120	Hard, Flat, 38mm Wide
238125	Hard, Flat, 50mm Wide
238150	Soft, Flat, 100mm Wide
238155	Soft, Flat, 130mm Wide, 260mm Long Overall
238145	Hard, Block, 35 x 75mm
238130	Angled, Hard, 30mm
238135	Angled, Hard, 60mm
238160	Hand Brush, Soft, 35 x 150mm



Made in Britain

Vermason

Conductive Plastic Brushes

VERMASON LTD.
 1 AVENUE ONE, LETCHWORTH, HERTS, SG6 2HB UK
 PHONE: +44 (0) 1462-672005, FAX: +44 (0) 1462-670440
 E-MAIL: Service@Vermason.co.uk, INTERNET: Vermason.co.uk

Drawing Number
238100

DATE:
 May 2007