

Vermason		Product Information	No: PIS 071F	
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Conductive brushes

Vermason Code	Description	FEC Part No
K3001	Soft, round, 6mm dia	3547863
K3003	Hard, flat, 12mm wide	265070
K3005	Hard, flat, 25mm wide	518475
K3007	Hard, flat, 50mm wide	3547851
K3040	Hard, block, 35 x 75mm	168660
K3050	Soft, flat, 100mm wide	265081
K3051	Soft, flat, 150mm wide	3547875

Introduction:

Conventional brushes with synthetic bristles can generate high charges in use. They are therefore unsuitable for cleaning ESD sensitive assemblies. Nonetheless it is necessary to remove solder flux and other dirt particularly in SMD assembly where there are high densities of components. A range of conductive brushes allows thorough cleaning without the risk of generating static charges.

Description:

The 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 less than 5×10^6 ohm. Brushes should be used by operators who are earthed so as to dissipate any triboelectrical charges.

Hard brushes are for scrubbing whilst soft ones are for brushing of delicate items such as optics and diskettes.

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.

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