

<b>Vermason</b>		Product Information No: PIS 017		
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## STANDARD FIELD SERVICE ENGINEER KIT

Code J7124 FEC Code 233-018

### Description

The mat of this kit is made of a sturdy two-layer vinyl cloth; the black side is conductive to  $< 10^3$  ohm per square, the light blue side is static dissipative at  $< 10^8$  ohm per square. Mat size is approximately 610 x 610mm. A PCB wrapped in the mat is shielded against electrostatic fields. The mat has two pockets, each approximately 300 mm wide by 200 mm deep. A 10mm male press stud is mounted in a corner of each pocket. The mat is designed to allow grounding of wristbands through the mat. It retains its electrical properties, offers good resistance to abrasion and tear and remains useable down to minus 20° C.

The kit includes a 1.5m long straight ground cord code J4619 fitted with an in-built 1 MΩ resistor and crocodile clip, an adjustable wristband code JA48R and a coiled ground cord code J4222 fitted with two in-built 1 MΩ resistors.

The kit complies with CECC 00-015 Part 1 1991. It is held in an antistatic pouch approximately 300 x 200 x 25 mm. The whole kit weighs a modest 400 g which adds to its popularity amongst service engineers.

### Instructions for use

- Lay the mat out with the studs facing upward.
- Connect one end of the straight cord to a stud and the other end to Earth.
- Wear the wristband snugly around the wrist and use the coiled cord to connect it to the other stud on the mat.
- If possible test the overall resistance to earth of the engineer. It should be approximately 3 MΩ but certainly  $\geq 0.75 \leq 35$  MΩ.
- Do not clean the mat with solvents. Use Vermason bench mat cleaner or a mild detergent and water.
- PCBs may be safely stored for transport in the pockets. Alternatively, the wristband and cords as well as other small tools can be kept therein.

*For further information, please contact*

**Vermason Ltd, 1 Avenue One, Letchworth, Hertfordshire SG6 2HB. UK**

**Tel: +44(0)1462 672005 Fax: +44(0)1462 670440**

**e-mail : [sales@vermason.co.uk](mailto:sales@vermason.co.uk)**

**[www.vermason.co.uk](http://www.vermason.co.uk)**