



### Purpose of Field Service Kit

To create a temporary ESD Protected Area (EPA). An EPA is a working space where electrostatic discharge sensitive devices (ESDS) may be unpacked, handled and packed with the minimum risk of being damaged by static electricity. The Field Service Kit can be used when connection to ground is not possible utilizing equipotential bonding and a common point ground system for connecting ESD control elements including operator, working surface, and equipment. When properly connected, the Field Service Kit mat will share the charge from conductive objects when they are placed on the surface.

### Properties

- Rp-p Black surface  $1 \times 10^2$  to  $< 1 \times 10^6$  ohms per IEC 61340-2-3
- Rp-p Blue surface  $1 \times 10^5$  to  $< 1 \times 10^9$  ohms per IEC 61340-2-3
- Wrist Strap Coiled Cord (1 megohm resistor at each end):  $8 \times 10^5$  to  $< 3 \times 10^6$  ohms
- Meets working surface and wrist strap required limits of EN 61340-5-1
- Field Service Kit includes: flexible working surface, wrist strap, ground cord, alligator clip, and pouch.

Item	Description
VER-26992	Portable Field Service Kit, Blue / Black, 0.6m x 0.6m, 2 pockets

"All field work shall adhere to the requirements specified for permanent EPA [ESD Protected Area] with respect to the material quality, training, labelling, packaging and personal responsibilities.

The operator, any temporary work surface ... and the equipment being serviced shall be bonded and, where practical, connected to EPA ground.

When ESDS are removed from equipment and transferred to a temporary work surface away from the equipment, the ESDS shall be placed in protective packaging.

Faulty ESDS which may be required for failure analysis or repair shall be placed in protective packaging prior to removal from the EPA." (EN 61340-5-1 clause 5.4 Field Work)

Specifications and procedures subject to change without notice.



Made in the United Kingdom

# Vermason

## Portable Field Service Kit - Light Weight

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**Drawing Number**  
 VER-26992

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