

# ESD Workstation Kit with UK Plug

## Description

A comprehensive, easy to install basic ESD Safe workstation kit. The Kit has workspace or environment needed to build a static controlled workscape or environment items such as laptops, tablets, PCB's, Computer parts, Medical equipment and audio devices.

Image shown for illustration purposes only.

## Features

- Reflection breaking surface to reduce glare and improve operator comfort
- Prevention of sliding of delicate components thanks to excellent friction coefficient
- Heat resistance: does not melt or burn coming into contact with hot metal parts or soldering debris
- Suitable for loose laying: does not require application with adhesive
- Good resistance to scratches and excellent flexibility and comfort



## Kit Includes

- 1x ESD Matting (600x1200mm) with 10mm stud in each corner
- 1x ESD Protected Area vinyl sign
- 1x Earth Bonding Plug 3x10mm Stud

Test Method	Result
Material	Static dissipative
Thickness	2mm
Surface	Non-shining
Tester	ETS 406C Static Decay Meter, 3M Model 701 Test Kit for Static Control Surfaces
Hardness (ISO 7619)	75±5 shore A
Abrasion Resistance (ISO 4649, method A)	≤200mm <sup>3</sup>
Indentation (EN433)	≤0,20mm
Cigarette Burning Resistance (EN1399)	No burn
Chemical Resistance (EN423)	Resistant to chemical agents normally used for maintenance
Dimensional Stability (EN424 - 6h/80°C)	≤0.4%
Surface Resistance Top Layer (EN 100015.1-IEC61340)	About 10 <sup>8</sup> Ω
Surface Resistance Bottom Layer (EN 100015.1-IEC61340)	About 10 <sup>5</sup> Ω

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## ESD Workstation Kit contents

### ESD Protected Area Sign

- Antistatic coating
- Self adhesive: 0.4mm thick PVC
- 300 x 150mm

### Earth Bonding Plug 3x10mm Stud

- Incorporates a 3x10mm male stud for connection grounding wire
- Designed to fit UK standard mains plug outlets
- Neutral and mains voltage pins are plastic, earth pin is metal

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### Coiled Earth Lead

- Excellent quality for use with any kind of wrist band
- Strong connection between the cord and 10mm stud
- 10mm Stud / Banana Socket
- Special conductive wire, outer covered with non-conductive PU
- Diameter of cord: 2.4 mm / Diameter of coil cord: 1.02 cm
- Resistivity: 1M Ohm +/- 10%

### Straight Earth Lead

- Excellent quality for use with any kind of Field Service Kit or Table Mat
- Strong connection between the cord and stud
- Outer covered with non-conductive PU
- Length: 12ft
- Diameter of cord: 2.4 mm
- Resistivity : 1M Ohm +/- 10%

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### Fabric Adjustable Wrist Strap Hypo Allergenic

- Sky blue band
- Adjustable for any size of wrist
- 10mm stud
- High quality conductive interior, made of stainless steel nylon filament
- Outer side non-conductive nylon yarn
- Conductive back plate covers the metal part to prevent allergic reaction
  
- Resistance from Band <math><10^5</math> Ohms      Test Method EN 61340-55-1
- Underside of Band <math><10^4</math> Ohms      Test Method EN 61340-5-1
- Top Side of Band <math><10^6</math> Ohms      Test Method EN 61340-5-1

Product Code	Description	Size	Additional Notes
RND 600-00102	ESD Workstation Kit with UK Plug	Mat 600 x 1200mm	Blue colour