



## PRODUCT

# ESD Workstation Kit



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.

## 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

TEST METHOD	RESULT
Material	Static dissipative
Thickness	2mm
Surface	Non reflective
Tester	ETS 406C static decay meter, 3M model 701 test kit for static control surfaces
Hardness (ISO 7619) 75 ± 5	75±5 shore A
Abrasion resistance (ISO 4649, method A)	≤200mm <sup>3</sup> indentation
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)	Circa 10 <sup>8</sup> Ohms
Surface resistance bottom layer (EN 100015.1-IEC61340)	Circa 10 <sup>5</sup> Ohms





## ESD WORKSTATION KIT CONTENTS

### ESD protected area sign

- Antistatic coating
- Self adhesive: 0.4mm thick PVC
- 11.8" x 5.9"

### 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%

### 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  $<10^5$  Ohms / Test method EN 61340-55-1
- Underside of band  $<10^4$  Ohms / Test method EN 61340-5-1
- Top Side of band  $<10^6$  Ohms / Test method EN 61340-5-1

### Coiled earth lead

- Excellent quality for use with any kind of wrist band
- Strong connection between the cord and 10mm stud
- 10mm Stud / 10mm Stud
- 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%

### ESD bonding plug 3x10mm Stud

- Incorporates a 3mm x 10mm male stud
- Designed to fit US standard mains plug outlets
- Neutral and mains voltage pins are plastic, earth pin is metal

