

## ESD Workstation Kit

### KIT INCLUDES:

- 1x ESD Matting (600x1200mm) with 10mm stud in each corner
- 1x ESD Protected Area Vinyl Sign
- 1x Earth Bonding Plug 3x10mm Stud
- 1x10mm Fabric Adjustable Wrist Strap Hypo Allergenic
- 1x10mm Coiled Earth Lead
- 1x10mm Straight Lead
- 1x Crocodile Clip
- 1x Instruction Leaflet



### MATTING FEATURES:

- Reflection breaking surface to reduce glare and improve operator comfort
- Protection against small collisions
- Prevention of sliding of delicate components thanks to excellent friction coefficient
- Heating resistance: does not melt or burn coming into contact with hot metal parts or soldering debris
- Oil resistance: this product resists most oils
- Suitable for loose laying: does not require application with adhesive
- Good resistance to scratches and excellent flexibility and comfort

MATTING DETAILS	
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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### 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

#### 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 process with non-conductive nylon yarn
- Conductive back plate to cover the metal part to prevent allergic reaction
- Surface resistivity of  $10^3\Omega$

Resistance from Band  $<10^5$  Ohms

Underside of Band  $<10^4$  Ohms

Top Side of Band  $<10^6$  Ohms

Test Method EN 61340-55-1

Test Method EN 61340-5-1

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 / Banana Socket
- Special conductive wire, outer covered with non-conductive PU
- Each 10ft coiled cord contains 10 strands
- 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
- Special conductive wire each containing 10 special conductive wires
- Outer covered with non-conductive PU
- Length: 12ft
- Diameter of cord: 2.4 mm
- Resistivity : 1M Ohm +/- 10%

PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
069-0002	ESD Workstation Kit	Mat 600 x 1200mm	Blue

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