



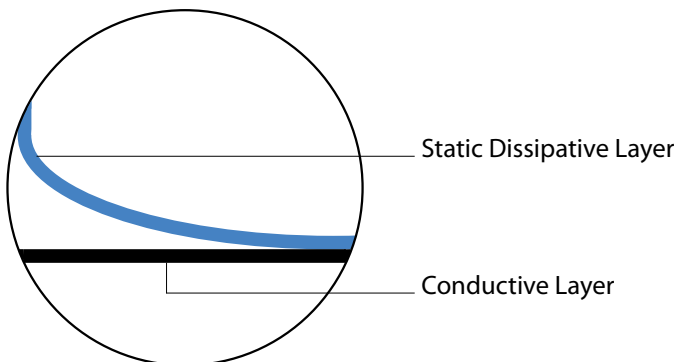
Kit Includes:

- 1x ESD Matting (600x900mm) with 10mm stud in each corner
- 1x ESD Protected Area Sign
- 1x Earth Facility Bracket with M5 Binding Post
- 1x UK Earth Bonding Point 2x10mm Studs and built in tester
- 1x Power Supply Unit for EBP
- 1x Economy Wrist Strap Set
- 1x10mm Coiled Earth Lead
- 1x10mm Straight Earth Lead
- 1x Instruction Leaflet

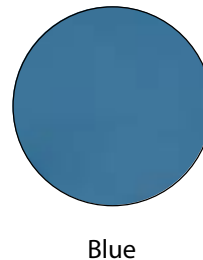


Matting Specification:

Construction:



Colours / Finish:



Product Code:	Description:	Mat Size:	Additional Notes:
1762466	Monitored Workstation Kit	600 x 900mm	Each (Ref: 069-0009)

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GROUNDING:

Sufficient ground cords should be used to reliably meet EN 61340-5-1 Table 3 less than 1×10^9 ohms for working surfaces. Industry recommendation is that continuous runs of ESD matting should be grounded at 10ft intervals to allow proper charge decay rates. Each individual ESD mat should be grounded with ground snaps located no further than five feet from either end.

CLEANING:

Please note that contact between the matting surface and any acid or alkali solvent is strictly prohibited (such as Benzene, Alcohol etc), this will result in the antistatic performance wearing away. If cleaning is required, the matting may be wiped with a cloth coated in a neutral solution (such as water).

GUIDANCE ON USE:

Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to relax for at least 4 hours before cutting to size. Matting should always be trimmed with a sharp knife or razor blade.

CUTTING TOLERANCES:

Width ± 6 mm

Length ± 6 mm every linear foot of running material

RoHS COMPLIANCE:

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1.

Test Results:

	Test Method:	Unit:	Value:
Surface Resistance / R_{TG}	SJ/T10694-2004	Ω	$1 \times 10^6 \leq R \leq 1 \times 10^9$
Bottom Resistance / R_{TT}	SJ/T10694-2004	Ω	$1 \times 10^3 \leq R \leq 1 \times 10^6$
Volume Resistance	GB/T14437-97	Ω	$1 \times 10^5 \leq R \leq 1 \times 10^8$
Thickness	YY-1001	mm	Permissible Tolerance +0.1
Temperature Resistance	YY-1001	$^{\circ}\text{C}$	180 (Instantaneous Temp)
Temperature	N/A	$^{\circ}\text{C}$	20-26
Relative Humidity	N/A	%	40-65

R_{TG} is the resistance from one point on the mat's surface to the mat's ground point, and is the fundamental electrical test for a mat. A proper R_{TG} insures that a mat can conduct charge from a point on the surface to the mat ground point. The guideline in ESD STM-4.1 for R_{TG} is 1×10^6 to 1×10^9 ohms. ANSI/ESD S-20.20 has an upper limit of $< 1 \times 10^9$ ohms.

R_{TT} is the resistance from one point on the mat's surface to another point. A proper R_{TT} insures the consistency of the mat's resistance properties. The ESD STM-4.1 guideline for R_{TT} is $> 1 \times 10^6$ ohms.

FOR FULL WORKSTATION KIT CONTENTS, PLEASE SEE NEXT PAGE.

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Contents:

ESD Caution Sign

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

Economy Wrist Strap Set

- A comfortable, fully adjustable wristband incorporating a 10mm press stud.
- Supplied complete with a durable coiled earth lead, with a 10-10mm press stud.

Earth Bonding Point with 2x10mm Studs with Built In Tester

- Earth Bonding Point Boxes designed to be mounted on bench
- Black cord 3m long, can exit towards left or right
- 1 M Ω (1x10E6 ohms) 1/2 Watt resistor for each connector
- Power supply for EBP provided

Earth Facility Bracket with M5 Binding Post

- Serves as a grounding hub for earth bonding points, can receive several wires
- Supplied with mounting screws - easy to mount
- Size: 40 x 45 x 12mm

Straight Earth Lead

- Excellent quality for use with any kind of Field Service Kit or Table Mat
- Strong connection between the cord and 10mm 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%

Coiled Earth Lead

- Special conductive wire
- Each coiled cord contains 10 strands
- Outer covered with Non-Conductive PU.
- 10mm snap to banana plug/crocodile clip
- Diameter of cord: 2.4 mm
- Diameter of coil cord: 1.02 cm
- Resistivity : 1M Ohm +/- 10%
- Length: 10ft

Supplied with instruction leaflet.

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