

## **TECHNICAL** DATASHEET

## PRODUCT

# ESD workstation kit

A comprehensive, easy to install basic ESD safe workstation kit. The kit has workspace or enviroment 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

## NOTES

See our range of static gloves for components and devices that are susceptible to surface damage.

## To request a quotation or for more information, please call +44 (0)1473 836200 email <u>info@antistat.com</u> or visit www.antistat.co.uk

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## **TECHNICAL** DATASHEET

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
- 300 x 150mm

#### **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%

#### **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%

#### ESD bonding plug 3x10mm Stud

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

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## **TECHNICAL** DATASHEET

#### 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 <105 Ohms

• Underside of band <104 Ohms

- Test method EN 61340-55-1 Test method EN 61340-5-1
- Top Side of band < 106 Ohms Test method EN 61340-5-1

PRODUCT CODE	DESCRIPTION	SIZE (MM)	ADDITIONAL NOTES
069-0012	ESD workstation kit with UK plug	600 x 1200mm	Blue
069-0010	ESD workstation kit with EU plug	600 x 1200mm	Blue
069-0020	ESD workstation kit with european plug - French	600 x 1200mm	Blue
069-0008	ESD workstation kit with european plug - German	600 x 1200mm	Blue
069-0022	ESD workstation kit with european plug - Italian	600 x 1200mm	Blue
069-0021	ESD workstation kit with european plug - Spanish	600 x 1200mm	Blue

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