

FEATURES

- **RS PRO Electrostatic Discharge Safe (ESD-Safe) bench mat**
- **Comes with 10 mm studs for workbench applications**
- **Made from neoprene rubber for solder iron resistance**
- **Thickness of 2 mm**
- **Length of 1.2 m**
- **Width of 600 mm**
- **Surface resistance of $2.3 \times 10^8 \Omega$**
- **Conform to IEC 61340-2-3 and IEC 61340-4-1**

Bench ESD-Safe Mat, 1.2m x 600mm x 2mm

RS Stock No.: 787-3139



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This ESD-safe mat from RS PRO ensures sensitive electronic equipment is protected from damage due to Electrostatic Discharge (ESD). Made from rubber, the mat is designed for use on workbenches as it's solder iron-resistant.

The 2 mm thick mat offers a surface resistance of $2.3 \times 10^8 \Omega$ and has a smooth surface texture. It's supplied with one stud of 10 mm diameter for affixing onto workbenches. Its double-layer construction with a green top surface and black bottom surface provides maximum safety and durability while the low reflectivity eases the burden on the eyes during prolonged work hours.

General Specifications

Use Type	Bench
Suitable For	Bench
Colour	Green
Complies with EN 61340-5-1	No
Surface Texture Type	Smooth
Material	Rubber
Number Of Material Layers	2
Applications	Table top or work surface applications

Electrical Specifications

Resistance	$2.3 \times 10^8 \Omega$
Surface Resistance	$2.3 \times 10^8 \Omega$
Volume Resistance	$5.0 \times 10^4 \Omega$

Mechanical Specifications

Size	1.2m x 0.6m
Length	1.2m
Width	600mm
Thickness	2mm

Approvals

Compliance/Certifications	CE, IEC 61340-2-3
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Test Results	Ω
Surface resistance R_s	2.3×10^8
Volume resistance R_v	3.4×10^7
Surface resistivity ρ_s	2.4×10^9
Volume resistivity ρ_v	5.0×10^4
Resistance to groundable point R_{gp}	7.7×10^8
Resistance point to point R_{p-p}	5.4×10^8

Conforms to IEC 61340-2-3