

PRODUCT

Textured Antistatic Matting - 2 Layer

Antistatic matting can be laid out in the workshops or advanced laboratories for microelectronic industries such as electronic semi-conductor devices, electronic computers, electronic communication equipment and integrated circuits etc.

FEATURES

- Great value ESD Bench Matting
- Made from anti-static (conductive) and static-dissipative materials with synthetic rubber
- 2mm thick double-layer structure
- Surface layer is a 0.5mm thick static-dissipative layer
- Bottom layer is a 1.5mm conductive layer
- Available in blue or grey



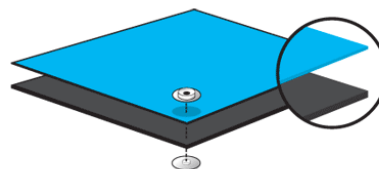
COLOURS



GREY



BLUE



Static Dissipative Layer

Conductive Layer

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit www.antistat.co.uk

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TEST RESULTS

| | TEST METHOD | UNIT | VALUE |
|-------------------------------|----------------|------|-------------------------------------------|
| Surface Resistance / R_{TG} | SJ/T10694-2004 | Ohms | $1 \times 10^6 \leq R \leq 1 \times 10^9$ |
| Bottom Resistance / R_{TT} | SJ/T10694-2004 | Ohms | $1 \times 10^3 \leq R \leq 1 \times 10^6$ |
| Volume Resistance | GB/T14437-97 | Ohms | $1 \times 10^5 \leq R \leq 1 \times 10^8$ |
| Thickness | YY-1001 | mm | Permissible Tolerance +0.1 |
| Temperature Resistance | YY-1001 | °C | 180 (Instantaneous Temp) |
| Temperature | N/A | °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 RTG 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.

| PRODUCT CODE | DESCRIPTION | SIZE | COLOURS |
|--------------|-------------------|---------------------------------|---------|
| 082-0308 | ESD Bench Matting | 1.2m wide / 10m length per roll | Grey |
| 082-0309 | ESD Bench Matting | 1.2m wide / 10m length per roll | Blue |

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