
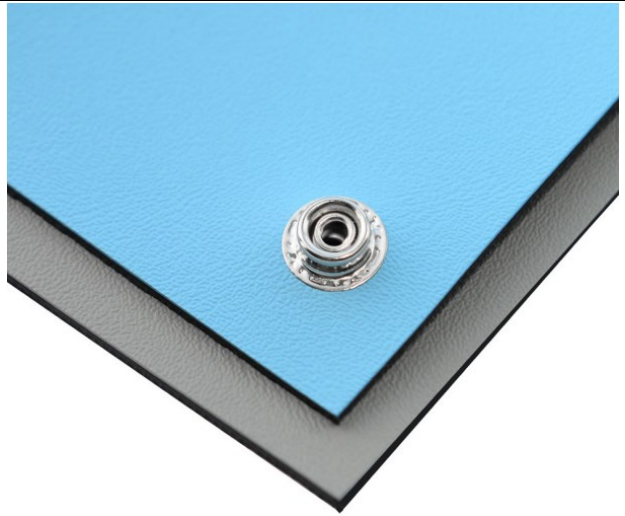


DATASHEET

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|  ESD Safety |  |
| <p>ESD 2 LAYER TABLE MATS TEXTURED FINISH SKU: PLEASE REFER TO THE TABLE</p> | |

PRODUCT INFORMATION

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

FEATURES AND BENEFITS

- 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



GROUNDING

Sufficient ground cords should be used to reliably meet EN 61340-5-1 Table 3 less than 1 x 10⁹ 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).

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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 |

ARTICLE NUMBERS

| Artikel-Nr. | Description |
|-------------|---|
| M3000B07 | ESD MAT 600X1000MM 2XSTUD 10MM TEXTURED BLUE |
| M3000B09 | ESD MAT 600X900MM 2XSTUD 10MM TEXTURED BLUE |
| M3000B12 | ESD MAT 600X1200MM 2XSTUD 10MM TEXTURED BLUE |
| M3000G07 | ESD MAT 600X1000MM 2XSTUD 10MM TEXTURED GREY |
| M3000G09 | ESD MAT 600X900MM 2XSTUD 10MM TEXTURED GREY |
| M3000G12 | ESD MAT 600X1200MM 2XSTUD 10MM TEXTURED GREY |
| M300B121 | ESD MAT 1000X1200MM 2XSTUD 10MM TEXTURED BLUE |
| M300G121 | ESD MAT 1000X1200MM 2XSTUD 10MM TEXTURED GREY |
| M3000G06 | ESD TABLE MATTING ROLL 0.6X10 METER TEXTURED GREY |
| M3000B06 | ESD TABLE MATTING ROLL 0.6X10 METER TEXTURED BLUE |
| M3000G08 | ESD TABLE MATTING ROLL 0.8X10 METER TEXTURED GREY |
| M3000B08 | ESD TABLE MATTING ROLL 0.8X10 METER TEXTURED BLUE |
| M300B120 | ESD-TABLE MATTING ROLL 1,2X10 METER TEXTURED BLUE |
| M300G120 | ESD-TABLE MATTING ROLL 1,2X10 METER TEXTURED GREY |

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