Datasheet revision 1.6   **www.chipquik.com**

CQ-ESD-MAT and Accessories

Product Highlights
Chip Quik ESD Mats are 0.079" (2mm) thick and come in sizes of 2x3 feet, 2x4 feet, as well as 50-foot-long rolls in widths of 2, 2.5, 3 and 4 feet.
RoHS 3 and REACH compliant

Specifications
Thickness: 0.079" (2mm)
Resistance (Surface to Ground): 1×10^6 to 1×10^9 ohms
Resistance (Surface to Surface): 1×10^6 to 1×10^9 ohms

Orderable Part Numbers

Part Number	Color	Size (Tolerance)	Thickness	Resistance
CQ-ESD-MAT-2x3	Light Blue	2' x 3' (-0/+2%)	0.079"	10^6 to 10^9 ohm
CQ-ESD-MAT-2x4	Light Blue	2' x 4' (-0/+2%)	0.079"	10^6 to 10^9 ohm
CQ-ESD-MAT-2x50	Light Blue	2' x 50' (-0/+2%)	0.079"	10^6 to 10^9 ohm
CQ-ESD-MAT-2.5x50	Light Blue	2.5' x 50' (-0/+2%)	0.079"	10^6 to 10^9 ohm
CQ-ESD-MAT-3x50	Light Blue	3' x 50' (-0/+2%)	0.079"	10^6 to 10^9 ohm
CQ-ESD-MAT-4x50	Light Blue	4' x 50' (-0/+2%)	0.079"	10^6 to 10^9 ohm
CQ-ESD-WRIST-1	Light Blue	3'-6' stretch		1M ohm
CQ-GROUND-CORD-1	Black	6'		1M ohm
CQ-ESD-BUTTON-1	Metal			
CQ-ESD-CRIMPER-1	Green/Red			

What's Included
- 2x3 foot and 2x4 foot ESD Mats each come with two grounding buttons pre-installed, as well as one wrist strap and one grounding cord.
- 50-foot rolls do not include grounding buttons, wrist straps or grounding cords, but those parts can be ordered separately.
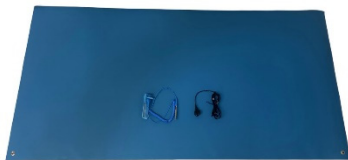
Grounding
Lay the ESD Mat in position on your work surface (Light Blue side up, black side down). Snap the black ground cord to a grounding button on the ESD Mat. Connect the other end of the ground cord to a common ground point, such as the center screw of a standard AC electrical outlet, using the ring terminal located on the end of the ground cord. Testing is recommended to make sure the screw is properly grounded.

Product Photos

CQ-ESD-MAT-2x3   CQ-ESD-MAT-2x4   CQ-ESD-MAT-2x50   CQ-ESD-MAT-2.5x50

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CQ-ESD-MAT-3x50

CQ-ESD-MAT-4x50

CQ-ESD-WRIST-1

CQ-GROUND-CORD-1

CQ-ESD-BUTTON-1

CQ-ESD-CRIMPER-1