

ESDmat.com

Technical Datasheet

ESD Rubber Mats RoHS & REACH Compliant

ESD Rubber Mat consists of a top layer static dissipative rubber laminated to a bottom layer of conductive rubber. The synthetic rubber work surface offers excellent resistance to oil, grease and most common solvents. It is heat and solder resistant, will not Delaminate and easy to clean.

APPLICATIONS: Computer Operators, Electronic assembly and manufacturing, Pharmaceutical Plants, Cleanroom operation, Fiber Optics, Aerospace and Hospitals. To be used in work surface applications.

TYPICAL PHYSICAL PROPERTIES ⁽¹⁾

CONSTRUCTION

Static dissipative synthetic rubber laminated to a bottom layer of conductive rubber.

CHEMICAL RESISTANCE

These mats are resistant to degradation by inorganic acids, organic acids, reducing agents, detergent solutions, alcohols, aliphatic hydrocarbons, mineral oil, amines, and aldehydes.

PHYSICAL PROPERTIES:

COLOR	Blue
EMBOSS PATTERN	Matte finish, Non-Embossed
GAUGE /THICKNESS	0.060" ± 10%; 1/16"
TENSILE	105 Kg/cm ²
ESD PROPERTIES: R _{TT}	10 ³ - 10 ⁵ Ω
ESD PROPERTIES: R _{TG}	10 ⁷ - 10 ⁹ Ω
CHARGE DECAY TIME: 5KV TO 50V	<0.01 Seconds
TEMPERATURE	140 ⁰ - 210 ⁰ F

⁽¹⁾ Specifications are subject to change at any time for a variety of reasons. If you have any questions, please call for the latest update.

Due to the variety of possible end-uses, it is ultimately the responsibility of the customer to determine a product's suitability for a particular application.