

ESDmat.com

Technical Datasheet

ESD Chair Mats RoHS & REACH Compliant

ESD Chair Mats are made of rigid solid vinyl with a buried conductive layer, giving it consistent electrical properties in addition to superior physical properties along with the rigidity needed for today's office environment.

APPLICATIONS: Electronic assembly and manufacturing, Pharmaceutical Plants, Cleanroom operation, Fiber Optics, Aerospace and Hospitals. They are designed for use under the chair in an office environment or a manufacturing facility.

TYPICAL PHYSICAL PROPERTIES ⁽¹⁾

CONSTRUCTION

Three Layers Rigid solid vinyl material with a buried conductive layer

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	Gray
EMBOSS PATTERN	Pebble
GAUGE /THICKNESS	0.190" ± 0.010" ; ³ / ₁₆ "
TENSILE	1500 lb/in ²
ELONGATION	150%
TEAR	300 lb/in
DUROMETER	90 ± 10, Shore A
ESD PROPERTIES: Range @ 10 V	10 ⁸ – 10 ⁹
SUGGESTED SERVICE TEMPERATURE	-20 °F to +160 °F ⁽²⁾

⁽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.

⁽²⁾ This suggested range represents the general temperature range for most flexible vinyl products.

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.