



Technical Datasheet

ESD Chair Mats and Kits RoHS Compliant CM Series

ESD Chair Mats are made of rigid solid vinyl with a buried conductive layer, giving it consistent electrical properties. These ESD chair mat kits provide superior physical properties along with the rigidity needed for today's office environment. ESD Chair Mat Kits are resistant to degradation by inorganic acids, organic acids, reducing agents, detergent solutions, alcohols, and mineral oils. These ESD Chair Mats are ideal for those looking for a simple ESD safe solution for their workstation setup. Available in gray color only with an embossed pebble pattern. ESD Chair Mat Kits include an ESD chair mat, a heel grounder, and a grounding cord.

APPLICATIONS: Electronic Assembly and Manufacturing, Pharmaceutical Plants, Cleanroom operation, Fiber Optics, Aerospace, and Hospitals. Designed for use under the chair in an office environment or a manufacturing facility.

CONSTRUCTION

Three Layer Rigid solid vinyl construction with a buried conductive layer

CHEMICAL RESISTANCE

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

TYPICAL PHYSICAL PROPERTIES ⁽¹⁾

COLOR	Gray
EMBOSS PATTERN	Pebble
GAUGE /THICKNESS	0.190" ± 0.010", ³ / ₁₆ "
TENSILE	1500 lbs./in. ²
ELONGATION	150%
TEAR	300 lbs./in.
DUROMETER	90 ± 10, Shore A
RESISTIVITY	1 x 10 ⁸ - 9 x 10 ⁹ ohms
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.