



## Technical Datasheet

### ESD Rubber Mats & Mat Kits RoHS Compliant 2059R Series

ESD Rubber Mats consist 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. They are heat and solder resistant, will not delaminate, and are 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.

#### CONSTRUCTION

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

#### 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 <sup>(1)</sup>

COLOR	Blue/Black
EMBOSS PATTERN	Matte finish, Non-Embossed
TEMPERATURE RESISTANCE	-4 <sup>0</sup> F to 122 <sup>0</sup> F
GAUGE /THICKNESS	0.060" ± 10%; 1/16"
TENSILE	522 lbs./in. <sup>2</sup>
ELONGATION	180%
DUROMETER	50 ± 5, Shore A
ESD PROPERTIES: TOP LAYER	10 <sup>7</sup> - 10 <sup>9</sup> ohms (Static Dissipative)
ESD PROPERTIES: BOTTOM LAYER	10 <sup>3</sup> - 10 <sup>5</sup> ohms (Conductive)
STATIC DECAY TIME	< 0.5 Seconds

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