



STATIC DISSIPATIVE RUBBER MAT

I. Description

Dual layer static dissipative rubber mat. Premium quality, highly durable work surface for ESD sensitive environments. The dissipative top layer is resistant to abrasion, heat, solder, flux and most commonly used solvents. The black conductive layer provides a superior and consistent ground path. These mats meet the requirements of US ESD Associations ANSI S4.1 and S20.20 guidelines.

II. General Specifications

Material: Synthetic Rubber

Construction: Two layer. Static dissipative top layer, black conductive bottom layer.

Thickness: 2mm

Colour options: Blue or Grey.

Surface Texture: Abrasion resistant smooth texture.

Hardness: (Per ASTM D2240) Top layer – Shore A65. Bottom layer – Shore A75.

Heat Resistance: Over 260°C

UV Resistance: No discolouration.

Chemical Resistance: No discolourations after contact with IPA, Acetone or commonly used solvents.

Point to Point Resistance: 1e6 to 1e8 ohms as per ANSI/ESD S4.1.

Point to Gound Resistance: 1e6 to 1e8 ohms as per ANSI/ESD S4.1.

Charge Decay: <0.1 sec per FTMS 101C, M4046.

Charge Dissipation: <100volts per ANSI/ESD STM4.2

Other: No curling, no pin holes, no irritant odor.

III. Sizes

Widths available 900m and 1200mm in both colours.

IV. Cleaning

For optimum electrical performance, surface must be cleaned regularly using as ESD safe mat cleaner. Do not use cleaners with silicone. Silicone build up will create an insulative film on the surface.