STATICO

Product Specification for S1508A Series 3-Layer Static Dissipative Cushion Matting



Description

S1508A is a 3-Layer static dissipative mat constructed of Vinyl foam with a buried conductive fleece layer. It is designed for use as table-mat and work surface in the areas where protection against static electricity is required. This product with its 3-layer construction offers an excellent means to discharge static electricity while its cushion property provides a high comfort level for end users. It is resistant to degradation by inorganic acids, organic acids, reducing agents, detergent solutions, alcohols, aliphatic hydrocarbons, mineral oil, amines, and aldehydes. Standard mat sizes 18”X23”, 30”X60’, & 36”X60’. Also available in cut-to-custom-sizes on request. Meets and exceeds ANSI/ESD S20.20-2014.

Specifications[1]

Color	**Blue**
Emboss Patterns	**Matt/Non-Embossed (Cast on non-embossed paper)**
Gauge	**0.375” ± 0.040” (3/8” or 375 mils)**
Weight	**83-86 oz/yd²**
Density	**20 lb/ft³ (nominal)**
Tensile (ASTM D412)	**100 lb/in²**
Elongation (ASTM D412)	**100%**
Tear (ASTM D1004)	**20 lb/in**
Durometer (ASTM D2240-75)	**70 ± 5, Shore 00**
Resistance (ESD S4.1& S4.2)	**R_{TT} 1.0 x 10^7 – 9.0 x 10^8 Ω**
Decay Time (EIA 541)	**<2.0 Seconds**
Suggested Service Temperature[2]	**-20 F° to +160° F**

(1) Specifications are subject to change at any time for variety of reasons.
(2) The suggested service temperature 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.