

STATICO

Global Supplier of Static Control & Cleanroom Products
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Product Specification

S1508A

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 an 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 embossed paper)	Matt/Non-Embossed (Cast on non-
Gauge	0.375" ± 0.040" (3/8" or 375 mils)
Weight	83-86 oz/yd ²
Density	20 lb/ft ³ (nominal)
Tensile (ASTM D412)	100 lb/in ²
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	-20 F ^o to +160 ^o 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 applications by the end users, it is ultimately the responsibility of the Customer to determine the suitability of this product for their particular application.