

Three-Layer Static Dissipative Matting



Description

S1512 Series is a 3-Layer construction mat that provides a unique work surface for use in static safe workstations to protect electrostatic discharge sensitive components and devices against static electricity. The conductive buried fleece helps to increase dimensional stability and lay-flat qualities of the mat. While top layer provides a tough work surface, the bottom layer adds excellent cushioning properties to the mat. Thickness is 0.125" (nominal) and standard roll sizes are 24"X50' & 100', 30"X50' & 50', 36"X50' & 100' & 48"X50'. Also available in cut-to-custom- sizes on request. Standard colors are Blue & Gray.

Technical Specifications⁽¹⁾

Colors	Blue, Grey
Emboss Patterns	KidGrain (<i>Cast on leatherette-embossed paper</i>)
Gauge	0.125"±0.013" (1/8" or 125 mils)
Weight	60-65 oz/yd ²
Tensile (ASTM D412)	350 lb/in ² minimum

Elongation (ASTM D412)	110%
Tear (ASTM D1004)	80 lb/in minimum
Resistance ESD S4.1-1997	$1.0 \times 10^7 - 7.0 \times 10^8$ (@ 100V)
Static Decay	< 0.01 second (FTS 101C, Method 4046.1)
Suggested Service Temperature⁽¹⁾	-20°F to +160°F

(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.