

Product Specifications  
3-Layer Static Dissipative Cushion Matting



**Description**

This type of matting 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', 30"x50', 36"x50' and 48"x50'. It is also available in 100-ft long rolls. Standard colors are Blue & Gray.

This product meets and exceeds ANSI/ESD S20.20-2014.

## Specifications

Construction	3-layer vinyl: Solid dissipative Top; Conductive Buried Fleece and Dissipative Vinyl Foam Bottom.
Colors	Blue, Grey
Surface Patterns	KidGrain (Light Embossing)
Thickness	0.125" +/-0.013" (1/8" or 125 mils)
Weight	60-65 oz/sq-yd
Density	20 lbs/cuFt
Tensile Strength	350 psi (min) , ASDM-D-412
Elongation @ Break	110% (min), ASDM-D-412
Durameter (Shore A )	45+/- 5 min , ASDM-D-2240-75
Resistance from Surface To Groundable Point RTG	1 x 10 <sup>6</sup> to 7 x 10 <sup>8</sup> ohms, EOS/ESD-S4
Resistance between Two Points on Surface, RTT	1 x 10 <sup>6</sup> to 7 x 10 <sup>8</sup> ohms, EOS/ESD-S4
Charge Decay Time 5,000V to 50V	<0.1 Seconds, FTMS 101C Method 4046C
Suggested Service Temperatures	-20°F to +160°F

### Standard Roll Sizes

- 24" x 50' – P/N 17-P24050  
30" x 50' – P/N 17-P30050  
36" x 50' – P/N 17-P36050  
48" x 50' – P/N 17-P48050
  
- 24" x 100' – P/N 17-P24100  
30" x 100' – P/N 17-P30100  
36" x 100' – P/N 17-P36100  
48" x 100' – P/N 17-P48100
  
- Cuts to special sizes are available upon request