

8900 Series Dissipative Rubber Mats and Rolls

8900 Series Dissipative Rubber Mats and Rolls meet ANSI/ESD S20.20 required limit and the recommendation of work surface standard ANSI/ESD S4.1. The product is constructed using a top color layer of static dissipative neoprene rubber laminated to a bottom black layer of conductive neoprene rubber. Both layers are made from vulcanized synthetic rubber, which offers resistance to oil, grease and most common solvents. They offer increased resistance to heat and hot solder as compared to vinyl or olefin materials. Non-standard sizes are available on a custom order basis. Compatible with Continuous or Constant Monitors.



8900 Table Mat Kit shown with included hardware



Available in Blue or Gray

Table Mat Kit Item Numbers

Size	Blue	Gray
2' x 4' (0.6 m x 1.2 m)	8900	8901

Table Mat Kit Includes:

- 1 Table Mat, size as specified
- 1 [3048](#) Wrist Strap Grounding System
- 2 [3034](#) Snap Fasteners (installed)

Table Roll Item Numbers

Size	Blue	Gray
24" x 50' (0.6 m x 15.2 m)	8902	
30" x 50' (0.7 m x 15.2 m)	8903	
36" x 50' (0.9 m x 15.2 m)	8904	
48" x 50' (1.2 m x 15.2 m)	8905	8906

Table Roll Includes:

- 1 Table Roll, size as specified

Electrical Properties	Typical Value	Test Method
Color Top Layer Resistances		
Surface to Ground (Rtg)	1 x 10 ⁵ to < 1 x 10 ⁹ ohms	ANSI/ESD S4.1 & ESD TR53
Surface to Surface (Rtt)	1 x 10 ⁵ to < 1 x 10 ⁹ ohms	ANSI/ESD S4.1 & ESD TR53
Conductive Bottom Layer Resistance		
Surface to Surface (Rtt)	< 1 x 10 ⁵ ohms	ANSI/ESD S4.1 & ESD TR53

Physical Properties	Typical Value
Material	Dual-layer rubber material
Thickness*	0.065" (1.7 mm)
Hardness	70 +/- 5 Shore A
Tolerance	Width +/- 0.250" Length +/- 0.250" Thickness +/- 10%
Color*	Blue, Gray (Top) Black (Bottom)
Texture*	Slight embossed

Other Properties	Typical Value
Heat Resistance	Does not melt or burn when coming into contact with hot solder and soldering irons
Chemical Resistance	Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines

Cutting Material: Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to condition for at least 4 hours before cutting to size. Always use care. Trim with a sharp knife or razor blade.

Grounding: If the material is used on top of an already properly grounded surface, grounding hardware may not be necessary. Where no properly grounded surface is available, grounding hardware is required to provide a path-to-ground.

*Color, texture and thickness may vary between lots and mills.

Limited Lifetime Warranty:

SCS warrants for one year that 8900 Series matting products will be free of defects in materials and workmanship and will guarantee dissipative/conductive mat properties for the life of the mat. Damage to matting caused by misuse of any kind, including using inappropriate cleaners is not covered by [SCS Limited Warranty](#).

RoHS 3, REACH, and Conflict Minerals Statement

None of the RoHS 3 restricted materials or REACH substances of very high concern as of 2018/08/01, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive (EU) 2015/853 amending Annex II of the RoHS 2 Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See [SCS Warranty, Limitation of Liability and Remedies](#).

Specifications and procedures subject to change without notice.

8900 SERIES DISSIPATIVE RUBBER MATS AND ROLLS

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DRAWING NUMBER
8900

DATE
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