



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



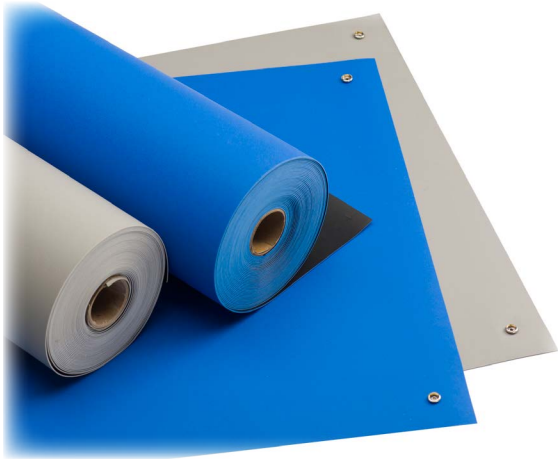
## Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Color shown is a representation and may vary

## Maintenance:

To keep mats clean and avoid insulative electrical readings, use a neutral cleaner such as the 6001 Mat and Table Top Cleaner. The low alcohol, high surfactant formula will allow deep cleaning without damaging the structural integrity of the Gemini-ESD mat.

## Gemini-ESD Mat roll

58200 Light Gray 24" x 50'  
58400 Light Gray 30" x 50'  
58600 Light Gray 36" x 50'  
59100 Royal Blue 24" x 50'  
59300 Royal Blue 30" x 50'  
59500 Royal Blue 36" x 50'

**Gemini-ESD cut mats** are available in various sizes. Each mat includes two 10mm female ground snaps. Ground cords sold separately.

The components used to manufacture this product, including smoke and flame inhibitors, are RoHS compliant and are not listed on the REACH SvHC list.

Rolls and cut mats are made in the U.S.A. and can be shipped under NAFTA rules.

# Gemini-ESD Mat

## Static Dissipative Work Surface Material

The Gemini ESD Mat is a dual-layer, static dissipative, polymer-based material made for bench tops and other grounded workbench surfaces. Polymers used in this material are homogeneously dispersed with an anti-static formula, leaving a permanent surface and volume resistance that will conform to the most stringent ESD requirements.

With a dissipative upper layer and a conductive base, this material is as durable as rigid laminates, and as comfortable and appealing as rubber. It is suitable for use with constant monitor systems.

The extrusion process used in manufacturing allows for low outgassing and high durability. Layers are laminated during the molten stage of manufacturing to ensure a successful bond and long life. The electrical properties will not wear away or exudate.

The Gemini-ESD Mat will deliver a typical resistance-to-ground measurement of  $10^6$  -  $10^8$  ohms per ANSI/ESDA S4.1. This material complies with industry standards including EN 61340-5-1: Protection of Electronic Devices from Electrostatic Phenomena and ANSI / ESDA S20.20: Protection of Electrical and Electronic Parts, Assemblies and Equipment.

- ❖ 0.065" (1.65 mm) thickness
- ❖  $10^6$  -  $10^8$  ohms, ohm per cm RTG, RTT, Vol R
- ❖ Can be custom-cut with sharp blade; scraps are recyclable
- ❖ Embossed finish reduces light glare and parts slippage
- ❖ Durable surface withstands high temperatures, solder, flux, and harsh chemicals
- ❖ Low outgassing and VOC are ideal for controlled environments
- ❖ Passes weathering ozone resistance per ASTM D178-01
- ❖ Passes and exceeds minimum standards for NFPA fire and smoke safety
- ❖ UV additives to protect color and eliminate fading

## Warranty:

ACL Inc., offers an exclusive lifetime warranty on the electrical resistance ( $10^6$  -  $10^8$  ohms) properties of our Gemini table mats. If the electrical properties should fail (when tested to ANSI / ESD S20.20) on any of our table mats during the lifetime of the mat due to manufacturing or physical defects, we will replace the mat free of charge.

This warranty does not apply to mats that are abused, improperly used, or cleaned with mat cleaners not tested and approved by ACL Inc.