



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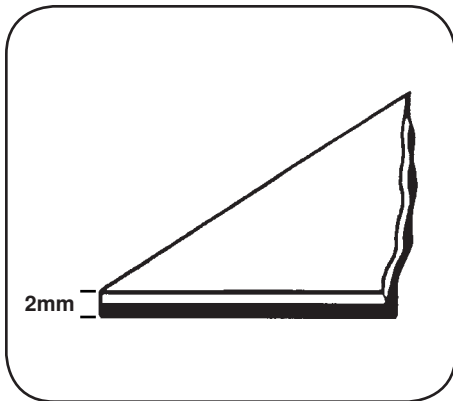
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Made in the United States of America



Blue

Disclaimer:

All statements, technical data, and recommendations contained herein are based upon tests we believe to be reliable. However, the accuracy or completeness thereof is not guaranteed. The proper and correct applications of products and data is the responsibility of the user. Statements or recommendations not contained herein shall have no force or effect unless embodied in a written agreement signed by authorized officers of Desco Industries, Inc.

RoHS 2 and REACH Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See Desco Limited Warranty at Desco.com.

Limited Warranty:

Desco warrants for one year that Statfree® 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 Desco Limited Warranty.

Description:

Desco's Statfree® UC mat is a 2mm thick, 2-layer, dissipative rubber material. It is designed to provide a path to ground and eliminate static charge generation when used as a worksurface table mat, shelf liner, and cart liner. The surface resistance (1×10^6 to $< 1 \times 10^9$ ohms Rtt) of the color top layer meets ANSI/ESD S20.20 worksurface required limit and recommendation of ANSI/ESD S4.1 for contact with ESD susceptible items. The conductive ($< 1 \times 10^5$ Rtt) bottom black layer reduces the resistance to ground (Rtg) from the top of the surface to the groundable point ground and allows the mats to be used with [ESD continuous monitors](#). The Statfree® UC material is manufactured without Silicone or DOP additives. Although clean room requirements vary, Statfree® UC material will mostly likely meet the requirements for a class 100 or higher clean room. Ultraviolet (UV) additives stabilize color retention, insure ESD performance over time and eliminate surface layer deterioration resulting in cracking when the product is flexed.

Electrical Properties:

Property	Test Method	Value
Rtt Resistance (Blue top layer):	ANSI/ESD S4.1	1×10^6 to $< 1 \times 10^9$ ohms
Rtt Resistance (Black bottom layer):	ANSI/ESD S4.1	$< 1 \times 10^5$ ohms

Specifications:

Construction: Dual-layer Rubber
Thickness: 0.080" (2mm)
Texture:* Smooth
Colors:* Blue

*Color and texture may vary between lots and mills

Grounding: This material must be properly grounded for optimum electrical performance. See Tech Bulletin [TB-2000](#) for mat grounding instructions.

Cleaning: For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. We suggest using our [Reztore Surface & Mat Cleaner](#). Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Item No.	Size	Color	Thickness
66300	30" x 40'	Sky Blue	2mm

Tolerances:

Width $\pm .0250$ "
Length $\pm .0250$ " every 1 linear foot of running material.
Thickness $\pm 10\%$

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

Specifications and procedures subject to change without notice.

STATFREE UC™, DUAL LAYER RUBBER, DISSIPATIVE

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STATFREE UC™
DRAWING PM-121

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