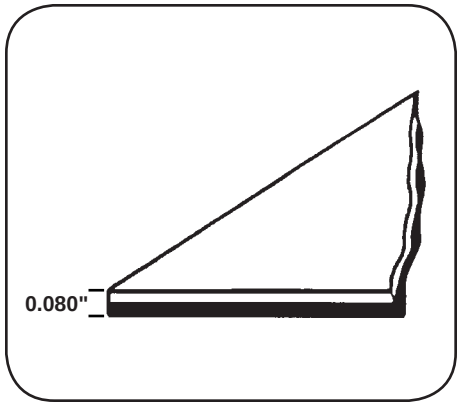

Blue

Description:

Desco's Statfree UC™ mat is a 0.080" (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 x 10^6 to < 1 x 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 more conductive (< 1 x 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 x 10^6 to < 1 x 10^9 ohms
Rtt Resistance (Black bottom layer):	ANSI/ESD S4.1	< 1 x 10^5 ohms

Specifications:

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

*Color and texture may vary between lots and mils

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.

Made in Italy

Mat Kit Item Numbers

Item	Size**
66302	24" x 36"
66303	24" x 48"
66304	30" x 60"
66305	30" x 72"

MAT TOP KIT INCLUDES
1 Floor Mat, size as specified
1 14234 Grounding Kit
1 Sample (4oz) of Reztore Mat Cleaner

Roll Material Item Number

Item	Size**
66300	30" x 40'

Tray Liner Item Number

Item	Size**
66301	16" x 24"

Tray liner has 1" radius corners and does not include grounding hardware

****Tolerances:**
Width ± .0250"
Length ± .0250" every 1 linear foot of running material.
Thickness ±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. Using care, always trim with a sharp knife or razor blade.

Specifications and procedures subject to change without notice.

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 Lifetime 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.

STATFREE UC™ DISSIPATIVE DUAL LAYER ULTRA CLEAN RUBBER

DESCO

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STATFREE UC™
DRAWING PM-121

DATE: July 2013