



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.

*Rubber material is vulcanized and may contain sulfur

RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials, or REACH substances of very high concern as of 2015/06/15, or Conflict Minerals 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](#).

Specifications and procedures subject to change without notice.

DESCO

STATFREE UC2™ DISSIPATIVE DUAL LAYER ULTRA CLEAN RUBBER



Electrical Properties:

Property	Test Method	Value
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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 Rubber¹

Thickness: 0.080" (2mm)

Texture:² Slight Emboss

Colors:² Blue

¹Rubber material is vulcanized and may contain sulfur.

²Color and texture may vary between lots and mils

No Detectable Levels of Silicone or DOP: Approved* for used in Class 100 cleanrooms. [Request a sample](#) to test to your requirements.

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.

Compatible with Workstation [Continuous Monitors](#)

Mat Item Numbers

Item	Size**
66320	30" x 40'
66321	16" x 24"
66322	24" x 36"
66323	24" x 48"
66324	30" x 60"
66325	30" x 72"

Clean Pack Item Numbers

Item†	Size**
66326	16" x 24"
66327	24" x 36"
66328	24" x 48"
66329	30" x 60"
66330	30" x 72"

† Cleaned and Packaged in a Class 1000 Controlled Environment. Click [HERE](#) to learn more.

* Although cleanroom requirements vary, Statfree® UC2 material will most likely meet the requirements for a class 100 or higher clean room.

Mat Top Kit Includes

1 Mat, size as specified
1 [14213](#) Grounding Kit
1 Sample (4oz) of [Reztore Mat Cleaner](#)

**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. Using care, always trim with a sharp knife or razor blade.



Made in the
United States of America

STATFREE UC2™ DISSIPATIVE DUAL LAYER ULTRA CLEAN RUBBER

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STATFREE UC2™
DRAWING PM-131

DATE:
May
2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Desco](#):

[66322](#) [66323](#) [66324](#) [66325](#) [66326](#) [66327](#) [66328](#) [66329](#) [66330](#) [66320](#) [66321](#)