

BLUE, GREY, BEIGE, DARK BLUE

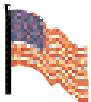
Disclaimer:

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 offers of Desco Industries, Inc.

Tolerances:

Width +/- .250"
Length +/- .250" every 1
linear foot of running material.

See reverse side for available
mat and roll sizes.



Made in America

Description:

Statfree T2™ meets the worksurface requirements of ANSI/ESD S20.20 and recommendation of ESD S4.1. This material is a dual purpose rubber matting material. The two layer construction allows it to be used as a dissipative or a conductive matting product. The soft dissipative layer makes an excellent table mat, ideal for use in soldering and assembly areas. This rubber material has superior resistance to heat, abrasion, chemicals, and is easy to clean and maintain. Statfree T2™ material will not melt and does not burn when coming into contact with hot metal parts or soldering debris. It is amine, chloride, sulfide, alumina, and magnesia free. Statfree T2™ is suitable for use with continuous monitors. **Statfree T2™ is manufactured without any ozone depleting substances, and in accordance with the Montreal Protocol.**

Electrical Properties:

Property	Test Method	Value
RTT Resistance:	ESD S4.1	10 ⁶ - 10 ⁸ Ohms
RTG Resistance:	ESD S4.1	10 ⁶ - 10 ⁸ Ohms
Charge Decay:	FTMS 101C, Method 4046	0.01seconds

Electrical Properties obtained by testing to industrial standards by an independent testing laboratory @ 100 Volts and 50% relative humidity unless otherwise specified. Complete text of the test report is available upon request.

Specifications:

Construction: Dual-layer rubber material
 Thickness: 0.060" (1.5mm)
 Color:* Blue, Dark Blue, Dark Grey, Beige (top), Black (bottom)
 Texture:* Slight embossed
 Weight: 0.43 lbs./sq. ft. (0.2g/cm²)
 Hardness: 65 ± 5 Shore "A", per ASTM-D2240
 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

*Color and texture may vary between lots and mills

Grounding: This material must be properly grounded for optimum electrical performance. Ask for Tech Brief PS-2013 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 Item #16030. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Limited Lifetime Warranty:
 ESD Systems 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 ESD Systems Limited Warranty.

RoHS Compliance Statement
 None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at ESDSystems.com.

Statfree T2™ Material, Dissipative, Rubber, 2-Layer, 0.060" (1.5mm)



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Visit our online
library of Tech Drawings:
<http://www.esdsystems.com>

**Drawing: TD-T2
Material Statfree T2™**

**DATE
2/06**

Item Number Reference For Statfree T2™ Rubber, Dissipative, 2-Layer

KITS



Mat Top Kit Item Numbers

SIZE	BEIGE	BLUE	GREY	DARK BLUE
24" x 36"	11830	11840	11850	11852
24" x 48"	11835	11845	11855	11857

Look for the Statfree® brand on ESD Systems.com ESD matting. All ESD Systems.com mat top kits are permanently marked for your protection and auditing purposes.

MAT TOP KIT INCLUDES

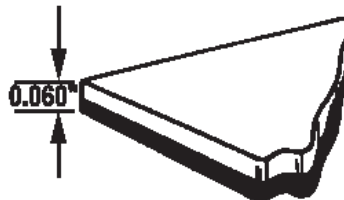
- 1 Benchmat, Statfree T2, size as specified
- 1 13160, common point ground cord
- 1 12000, universal snap kit

ROLL STOCK



Statfree T2™
Is Also
Available In
Full
Rolls

0.060" (1.5mm)
THICK ROLLS



Roll Stock Item Numbers

SIZE	BEIGE	BLUE	GREY	DARK BLUE
24" x 40'	11860	11870	11880	11901
30" x 40'	11905	11910	11915	11902
36" x 40'	11911	11912	11913	11903
48" x 40'	11890	11895	11900	11904

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.

Hardware is not included with rolls.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 1 less than 1×10^9 ohms for worksurfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at ten-foot intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than five feet from either end.

