

**BLUE, DARK GREY,  
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.

**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 <sup>6</sup> - 10 <sup>8</sup> Ohms
RTG Resistance:	ESD S4.1	10 <sup>6</sup> - 10 <sup>8</sup> 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/cm <sup>2</sup> )
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 Technical Bulletin TB-2000 for mat grounding instructions.

Cleaning: Use only ESD mat cleaner such as Reztore™ Surface & Mat Cleaner to clean and extend mat useful life. Do not use cleaners containing silicone as silicone will create an insulative film on the surface. Do not use solvent based cleaners as solvents will dry out matting and may cause curling.



**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 [Desco.com](http://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 T2™ MATERIAL, DISSIPATIVE, RUBBER, 2-LAYER, 0.060" (1.5mm)**

**DESCO**

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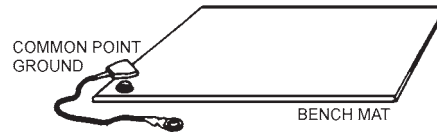
MATERIAL STATFREE T2™

DRAWING PM-104

DATE:  
2/06

## Item Number Reference For StatfreeT2™ Rubber, Dissipative, 2-Layer

# KITS



### Mat Top Kit Item Numbers

SIZE	BLUE	DK. GREY	DK. BLUE
24" x 36"	66040	66050	66051
24" x 48"	66045	66055	66056

#### MAT TOP KIT INCLUDES

- 1 Benchmat, Statfree T2™, size as specified
- 1 14213, Common point kit w/snap, customer installed

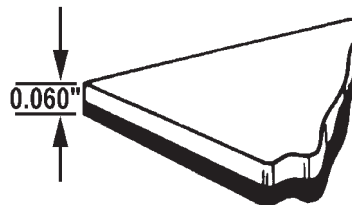
Look for the Statfree® brand on Desco ESD matting. All Desco mat top kits are permanently marked for your protection and auditing purposes.

# ROLL STOCK

Statfree T2™  
Is Also  
Available In  
Full  
Rolls



0.060" (1.5mm)  
THICK ROLLS



### Roll Stock Item Numbers

SIZE	BLUE	DK. GREY	DK. BLUE
24" x 40'	66070	66080	66081
30" x 40'	66110	66105	66106
36" x 40'	66075	66085	66086
48" x 40'	66095	66100	66101

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 x 10E9 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.

