Excellent Integrated System Limited

Stocking Distributor

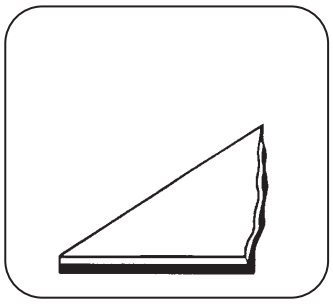
Click to view price, real time Inventory, Delivery & Lifecycle Information:

Desco
66030

For any questions, you can email us directly:
sales@integrated-circuit.com

EIS electronic components

Distributor of Desco: Excellent Integrated System Limited
Datasheet of 66030 - MAT KIT DUAL RUBBER BEIGE 24X36"
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



BLUE, DARK 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® Type T2 meets the worksurface requirements of ANSI/ESD S20.20 and EIA-625. 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® Type 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® Type T2 is suitable for use with continuous monitors.

Statfree® Type 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.

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:

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^2)
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 Bulleltin 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 contaiing silicone as silicone will create an insulative film on the surface. Do not sue solvent based cleaners as solvents will dry out matting and may cause curling.

STATFREE® MATERIAL, DISSIPATIVE, RUBBER, 2-LAYER, 0.060" (1.5mm)

DESCO

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PHONE (781) 821-8370 FAX (781) 575-0172

MATERIAL TYPE T2

DRAWING PM-104

DATE: 4/05

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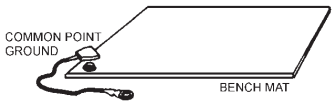
Employee Owned

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

KITS



STATFREE T2™
RTT <10⁹ ohms
Desco Industries Inc.

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

Mat Top Kit Item Numbers

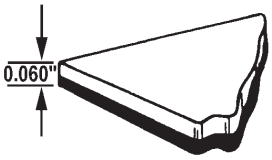
SIZE	BEIGE	BLUE	DK. GREY	DK. BLUE
24" x 36"	66030	66040	66050	66051
24" x 48"	66035	66045	66055	66056

MAT TOP KIT INCLUDES
1 Benchmat, Type T2, size as specified
1 09826, common point ground cord
1 09864, universal snap kit

ROLL STOCK

Type T2 Is Also Available In Full Rolls

0.060" (1.5mm) THICK ROLLS



Hardware is not included with rolls.

As a general rule, continuous runs of ESD matting should be grounded at ten-foot intervals to ensure path-to-ground and not substantially increasing RTG. Each individual ESD mat should be grounded with ground snap located no further than five feet from either end.

Roll Stock Item Numbers

SIZE	BEIGE	BLUE	DK. GREY	DK. BLUE
24" x 40'	66060	66070	66080	66081
30" x 40'	66115	66110	66105	66106
36" x 40'	66065	66075	66085	66086
48" x 40'	66090	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.

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