

DESCO WORKSURFACE MAT SELECTION CHART

RUBBER*

Product Name	Images	Thickness	Material Construction	Resistance (Rtt in ohms) Per ANSI/ESD S4.1	Surface	Best Application	Special Features	Hardness Shore A Per ASTM D2240	Compatible w/ Monitors
Statfree T2 Plus™ Dissipative Dual Layer Rubber		0.060"	Two-Layer	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹ Black Side: < 1 x 10 ⁵	Light Texture	Area w/ chemicals & solder used	UV inhibitors added to mat	65 ± 5	Yes
Statfree UC2 TM		0.080"	Two-Layer	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹ Black Side: < 1 x 10 ⁵	Light Texture	Clean room; Class 100-1000	Clean packaged version available	70 ± 5	Yes
Statfree J [™]		0.125"	Single-Layer	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹	Open Cell Sponge	Cushion for product storage	Pre taped tray liners	45 ± 5	No
<u>Dual-Layer</u> <u>Rubber</u>		0.060"	Two-Layer	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹ Black Side: < 1 x 10 ⁵	Smooth	Area w/ chemicals & solder used	Economical	60 ± 5	Yes
Statfree HJ		0.080"	Dual Layer	Color Side: 1 x 10 ⁶ to <1 x 10 ⁹ Black Side: <1 x 10 ⁶	Slight Texture	High impact manufacturing	Abrasion Resistant Surface	80 to 90	Yes

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Statfree Z2 [™]	0.125"	Three Layer with Scrim	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹	Light Emboss	Light duty Manufacturing	Cushion bottom layer	45 ± 5	Yes
Statfree O TM	0.375"	Three Layer with Scrim	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹	Light Emboss	Impact energy diffusion	Extra thick cushion layer	45 ± 5	Yes
Statfree B2 Plus	0.080"	Two Layer with Double Scrim	Color Side: 1 x 10 ⁶ <1 x 10 ⁹ Black Side: <1 x 10 ⁶	Kid Grain	General electronics assembly	Reinforced Vinyl Compound	85 ± 5	Yes
Trustat [®] B80	0.080"	Single-Layer	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹	Light Texture	Shelf liners	Economical	85 ± 5	Not Recommended

DISPOSABLE

Disposable ESD Mats	Section 1	0.060"	Fiberboard w/ Internal Conductive Layer	Color Side: 1 x 10 ⁶ < 1 x 10 ⁹	N/A	Harsh chemical environments	Volume Dissipative	N/A	Yes
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RoHS, REACH, and Conflict Minerals Statement:

See RoHS, REACH, and Conflict Minerals Statement at Desco.com

Limited Warranty

See Desco's Limited Warranty at Desco.com

*Rubber has higher Heat Resistance than Vinyl and is preferred for soldering applications.

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