



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
<u>Statfree T2™</u> <u>Lead-Free/Premium</u>		0.060"	Two-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$ Black Side $< 1 \times 10^5$	Light Texture	Area w/ chemicals & solder used	UV inhibitors added to mat	65 ± 5	Yes
<u>Statfree UC2™</u>		0.080"	Two-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$ Black Side $< 1 \times 10^5$	Light Texture	Clean room; Class 100-1000	Clean packaged version available	70 ± 5	Yes
<u>Statfree J™</u>		0.125"	Single-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$	Open Cell Sponge	Cushion for product storage	Pre taped tray liners	45 ± 5	No
<u>Dual-Layer Rubber</u>		0.060"	Two-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$ Black Side $< 1 \times 10^5$	Smooth	Area w/ chemicals & solder used	Economical	60 ± 5	Yes

VINYL

<u>Statfree Z2™</u>		0.125"	Three-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$	Light Emboss	Light duty Manufacturing	Cushion bottom layer	45 ± 5	Yes
<u>Statfree O™</u>		0.375"	Three-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$	Light Emboss	Impact energy diffusion	Double cushion layer	45 ± 5	Yes
<u>Statfree B2™</u>		0.060"	Two-Layer	Color Side $1 \times 10^6 < 1 \times 10^9$ Black Side $< 1 \times 10^5$	Light Emboss	Lite duty manufacturing	Low-charge flame retardant additive	80 ± 5	Yes
<u>Trustat® B80</u>		0.080"	Single-Layer	$1 \times 10^6 < 1 \times 10^9$	Light Texture	Shelf liners	Economical	85 ± 5	Not Recommended

LAMINATE

<u>Micastat®</u>		0.038"	High pressure laminate	Color Side $1 \times 10^6 < 1 \times 10^9$	Smooth	Replacement for non-ESD laminate or worn ESD laminate	Laminate grounding systems	N/A	Yes
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DISPOSABLE

<u>Disposable ESD Mats</u>		0.060"	Fiberboard w/ Internal Conductive Layer	Color Side $1 \times 10^6 < 1 \times 10^9$	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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