



CHARLESWATER WORKING SURFACE MAT SELECTION CHART

All the mats listed meet the EN 61340-5-1 working surface limit tested per IEC 61340-2-3, and all dissipative mats meet the EN 61340-5-1 table 3 note 6 recommendation for resistance lower limit.

	Item Description	Material Construction	Resistance Classification (Rp-p in ohms)	Surface	Best Application	Special Features	
Rubber	<u>Statfree T2™ Green</u>	Two-layer rubber 1.5 mm thick	Dissipative Side 10E6 -10E8 Conductive Side <10E6	Light Texture	Identify work area as Lead-Free	Green, Highly durable, heat/ chemical and abrasion resistant,	Compatible with Continuous Monitors
	<u>Statfree Euro T2™</u>	Two-layer rubber 1.5 mm thick	Dissipative Side 10E6 -10E8 Conductive Side <10E6	Light Texture, 2 Colours	Where chemical and hot solder are used	Highly durable, heat/chemical and abrasion resistant,	Compatible with Continuous Monitors
	<u>Statfree DLR™</u>	Two-layer rubber 2 mm thick	Dissipative Side 10E6 -10E8 Conductive Side <10E6	Very Light Texture, 4 Colours	Chemical and hot solder are used	Solder iron resistant and withstands most chemicals and easy to clean	Compatible with Continuous Monitors
Multi-Layer Vinyl	<u>Statfree Z2™ 3 Layer</u>	Three-layer conductive vinyl 3.2 mm thick	Dissipative 10E6 -10E8	Light Emboss	Where vinyl durability is OK, compatible with continuous monitors	Conductive inner layer provides fast, reliable path to ground while reducing alternative, unintended paths to ground	Compatible with Continuous Monitors
	<u>Statfree O™ 3 Layer</u>	Three-layer vinyl 9.5 mm thick	Dissipative 10E6 -10E8	Smooth	Ideal for energy absorption for disk drives	Extra thick sponge bottom, ideal for sensitive drives that require impact resistance	Compatible with Continuous Monitors
Homogeneous Vinyl	<u>Statfree B™ Homogeneous</u>	Single-layer vinyl 2.5 mm thick	Dissipative 10E6 -10E8	Light Emboss	Economical choice, General purpose	Inexpensive, durable, easy to cut, reversible.	Not recommended with Continuous Monitors
	<u>Statfree B2™ 2 Layer</u>	Two-layer vinyl 1.5 mm thick	Dissipative Side 10E6 -10E8 Conductive Side <10E6	Light Emboss	Economical choice, compatible with continuous monitors	Durable, easy to cut and configure, no special tools needed	Compatible with Continuous Monitors
Laminate	<u>Micastat®</u>	High pressure laminate 0.97 mm thick	Dissipative 10E6 -10E9	Smooth	Laminate, where chemical and hot solder are used	Superior heat, chemical, cut resistant	Compatible with Continuous Monitors

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