



WORKING SURFACE MAT SELECTION CHART

All the mats listed meet the EN 61340-5-1 working surface limit tested per EN 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	Statfree T2 Plus™ 2-Layer	Two-layer rubber 1.5 mm thick	Dissipative side 1 x 10 ⁶ to < 1 x 10 ⁹ Conductive side < 1 x 10 ⁶	Light texture	Where chemical and hot solder are used	Highly durable: heat, chemical, abrasion and UV resistant
	Statfree DLR2™ 2-Layer	Two-layer rubber 2 mm thick	Dissipative side 1 x 10 ⁶ to < 1 x 10 ⁹ Conductive side < 1 x 10 ⁶	Light texture, 3 colours	Where chemical and hot solder are used	Solder iron resistant and withstands most chemicals and easy to clean
	Statfree UC2™ 2-Layer	Two-layer rubber 2 mm thick	Dissipative side 1 x 10 ⁶ to < 1 x 10 ⁹ Conductive side < 1 x 10 ⁶	Light emboss	Suitable for use in clean rooms*	Designed to withstand abrasion, stretching and tearing. No detectable levels of silicone or DOP
Vinyl	Statfree Z2™ 3-Layer	Three-layer conductive vinyl 3.2 mm thick	Dissipative 1 x 10 ⁶ to < 1 x 10 ⁸	Light emboss	Where vinyl durability is OK, works particularly well with continuous monitors	Conductive inner layer provides fast, reliable path to ground while reducing alternative, unintended paths to ground
	Statfree O™ 3-Layer	Three-layer vinyl 9.5 mm thick	Dissipative 1 x 10 ⁶ to < 1 x 10 ⁸	Smooth	Ideal for energy absorption for disk drives, works particularly well with continuous monitors	Extra thick sponge bottom conductive inner layer, ideal for sensitive drives that require impact resistance
	SCS 8200 Series 3-Layer Vinyl	Three-layer vinyl 3.5 mm	Dissipative 1 x 10 ⁶ to < 1 x 10 ⁹	Smooth	Use with components susceptible to physical shock, works particularly well with continuous monitors	Conductive inner layer provides fast, reliable path to ground while reducing alternative, unintended paths to ground
Bench Matting & Shelf Lining	EVA	Shelf lining 1.5 mm thick	Conductive 1 x 10 ³ to < 1 x 10 ⁶	Smooth	Ideal for shelving	This bench/shelf mat provides significant passive protection in well-travelled assembly areas
	<u>Pro-Mat™</u>	Carbon impregnated fibreboard 1.5 mm thick	1 x 10 ⁶ to < 1 x 10 ⁹	Smooth	Ideal for shelving	Durable, chemical resistant

For full product details please view our technical bulletins or visit DescoEurope.com

RoHS 2, REACH and Conflict Minerals Statement See RoHS, REACH and Conflict Minerals Statement at DescoEurope.com.

Limited Warranty:

See Desco Europe's <u>Limited Warranty</u> at DescoEurope.com.

Desco Europe working surface mats are compatible with continuous monitors.

*Although clean room requirements vary, Statfree UC2™ material will most likely meet the requirements for a class 100 or higher clean room.