



DESCO EUROPE 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 | <u>Statfree T2™ 2-Layer</u> | Two-layer rubber 1.5 mm thick | Dissipative side 1×10^6 to $< 1 \times 10^9$ Conductive side $< 1 \times 10^5$ | Light texture | Where chemical and hot solder are used | Highly durable, heat/chemical and abrasion resistant, dual purpose |
| | <u>Statfree DLR2™ 2-Layer</u> | Two-layer rubber 2 mm thick | Dissipative side 1×10^6 to $< 1 \times 10^9$ Conductive side $< 1 \times 10^6$ | Light texture, 3 colours | Where chemical and hot solder are used | Solder iron resistant and withstands most chemicals and easy to clean |
| | <u>Statfree UC2™ 2-Layer</u> | Two-layer rubber 2 mm thick | Dissipative side 1×10^6 to $< 1 \times 10^9$ Conductive side $< 1 \times 10^6$ | Light emboss | Suitable for use in clean rooms* | Designed to withstand abrasion, stretching and tearing. No detectable levels of silicone or DOP |
| Vinyl | <u>Statfree B2™ 2-Layer</u> | Two-layer vinyl 1.5 mm thick | Dissipative side 1×10^6 to $< 1 \times 10^9$ Conductive side $< 1 \times 10^6$ | Light emboss | Economical choice | Durable, easy to cut and configure, no special tools needed |
| | <u>Statfree Z2™ 3-Layer</u> | Three-layer conductive vinyl 3.2 mm thick | Dissipative 1×10^6 to $< 1 \times 10^8$ | 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 |
| | <u>Statfree O™ 3-Layer</u> | Three-layer vinyl 9.5 mm thick | Dissipative 1×10^6 to $< 1 \times 10^8$ | 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 |
| | <u>SCS 8200 Series 3-Layer Vinyl</u> | Three-layer vinyl 3.5 mm | Dissipative 1×10^6 to $< 1 \times 10^9$ | 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 |
| | <u>SCS Premium 3-Layer Vinyl</u> | Three-layer vinyl 3.5 mm | 1×10^6 to $< 1 \times 10^9$ | 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 |
| Laminate | <u>Micastat®</u> | High pressure laminate 0.97 mm thick | Dissipative 1×10^6 to $< 1 \times 10^9$ | Smooth | Where chemical and hot solder are used | Superior heat, chemical, cut resistant |
| Bench Matting & Shelf Lining | <u>EVA</u> | Shelf lining 1.5 mm thick | Conductive 1×10^3 to $< 1 \times 10^6$ | 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 | 1×10^6 to $< 1 \times 10^9$ | Smooth | Ideal for shelving | Durable, chemical resistant |

RoHS 2, REACH and Conflict Minerals Statement
See [RoHS, REACH and Conflict Minerals Statement](#) at [DescoEurope.com](#).

Limited Warranty:
See Desco Europe's [Limited Warranty](#) 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.