



Blue and Grey

Disclaimer:

All statements, technical data, and recommendations contained herein are based upon tests we believe to be reliable. However, the accuracy or completeness thereof is not guaranteed. The proper and correct applications of products and data is the responsibility of the user. Statements or recommendations not contained herein shall have no force or effect unless embodied in a written agreement signed by authorized offers of Vermason.

Roll Stock Item Numbers

SIZE	BLUE	GREY
1.8mm x 0.6m x 12.2m	210980	210983
1.8mm x 0.76m x 12.2m	210981	210984
1.8mm x 1.2m x 12.2m	210982	210985

Hardware is not included with rolls.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet EN 61340-5-1 Table 3 less than 1×10^9 ohms for working surfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at ten-foot intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than five feet from either end.

Description:

Statfree Euro T2™ meets the working surface requirements of EN61340-5-1. This material is a dual purpose rubber matting material. The two layer construction allows it to be used as a dissipative or a conductive matting product. The soft dissipative layer makes an excellent table mat, ideal for use in soldering and assembly areas. This rubber material has superior resistance to heat, abrasion, chemicals, and is easy to clean and maintain. Statfree Euro T2™ material will not melt and does not burn when coming into contact with hot metal parts or soldering debris. It is amine, chloride, sulfide, alumina, and magnesia free. Statfree Euro T2™ is suitable for use with continuous monitors.

Statfree Euro T2™ is manufactured without any ozone depleting substances, and in accordance with the Montreal Protocol.

Electrical Properties:

Dissipative Side

Rp: $10^6 - 10^8$ Ohms

Rg: $10^6 - 10^8$ Ohms

Conductive Side

Rp: $10^3 - 10^4$ Ohms

Rp: $10^3 - 10^4$ Ohms
per IEC 61340-2-3

Electrical Properties are not humidity dependent meeting EN 61340-5-1 required Limit $< 1 \times 10^9$ ohms tested at 12% and 50% relative humidity per IEC 61340-2-3.

Specifications and procedures subject to change without notice.

Look for the Statfree® brand on Vermason ESD matting. All Vermason mat top kits are permanently marked for your protection and auditing purposes.



Specifications:

Construction:

Dual-layer rubber material

Thickness:

1.5mm

Color:*

Blue and Grey

Texture:*

Slight embossed

Weight:

0.2g/cm²

Hardness:

65 ± 5 Shore "A", per ASTM-D2240

Heat Resistance:

Does not melt or burn when coming into contact with hot solder and soldering irons.

Chemical Resistance: Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines

***Color and texture may vary between lots and mills**

Grounding: This material must be properly grounded for optimum electrical performance.

Cleaning: Use only ESD mat cleaner such as Reztore™ Surface & Mat Cleaner to clean and extend mat useful life. Do not use cleaners containing silicone as silicone will create an insulative film on the surface. Do not use solvent based cleaners as solvents will dry out matting and may cause curling.

RoHS Compliance Statement

None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Vermason letter on-line at Vermason.co.uk/RoHS.aspx

Limited Lifetime Warranty:

Vermason warrants for one year that Statfree® matting products will be free of defects in materials and workmanship and will guarantee dissipative/conductive mat properties for the life of the mat. Damage to matting caused by misuse of any kind, including using inappropriate cleaners is not covered by Vermason Limited Warranty.

Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to relax for at least 4 hours before cutting to size. Always trim with a sharp knife or razor blade.

STATFREE EURO T2™ MATERIAL, DISSIPATIVE, RUBBER, 2-LAYER, 1.5mm

Vermason

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