



Blue and Grey

Description:

Statfree EuroT2™ 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. The conductive layer provides a durable slip resistant flooring surface, ideal for use in applications requiring conductive footwear. This 100% Nitrile Butadiene Rubber material has superior resistance to abrasion, chemicals and is very easy to clean and maintain. Statfree EuroT2™ material is heat resistant and will not produce toxic fumes if exposed to extremely high temperatures. Solder and flux will not damage the surface.



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

Electrical Properties:

Dissipative Side:
 Rp: 10⁶ - 10⁸ Ohms
 Rg: 10⁶ - 10⁸ Ohms
 Conductive Side:
 Rp: 10³ - 10⁴ Ohms
 Rg: 10³ - 10⁴ Ohms
 per IEC 61340-4-1

Specifications:

Construction: Two-layer 100% Nitrile Butadiene Rubber
 Thickness: 1.8mm thick
 Surface: Abrasion resistant smooth texture
 Cleaning: For optimum electrical performance, surface must be cleaned regularly using an ESD safe mat cleaner. Charleswater suggests using Reztore™ Surface & Mat Cleaner, item #71021. Do not use cleaners with silicone. Silicone build-up will create an insulative film on the surface.
 Grounding: This material must be properly grounded for optimal electrical performance. Ask for Technical Bulletin [PPE-5025.E](#) for grounding instructions.
 Weight: 0.2 g/cm²
 Hardness: 65 Shore A
 Temperature: Continuous - 121°C, Intermittent - <30 sec @ 343°C
 Chemical Resistance: Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines

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 officers of Desco Industries, Inc.

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.

Limited Lifetime Warranty:

Charleswater 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 Charleswater Limited Warranty.

Hardware is not included with rolls.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 1 less than 1 x 10E9 ohms for worksurfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at three-metre intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than 1.5 metres from either end.

*NOTE: Sizes of mat materials are nominal dimensions.

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 Desco Industries Inc. letter on-line at [Charleswater.co.uk](#).

Item	Description
80582	Statfree Dissipative Blue Mat, 1.8mm x 0.6m x .9m
80583	Statfree Dissipative Blue Mat, 1.8mm x 0.6m x 1.2m
80657	Statfree Dissipative Blue Roll, 1.8mm x 0.6m x 12.2m
80658	Statfree Dissipative Blue Roll, 1.8mm x 0.76m x 12.2m
80659	Statfree Dissipative Blue Roll, 1.8mm x 1.2m x 12.2m
80660	Statfree Dissipative Grey Roll, 1.8mm x 0.6m x 12.2m
80661	Statfree Dissipative Grey Roll, 1.8mm x 0.76m x 12.2m
80662	Statfree Dissipative Grey Roll, 1.8mm x 1.2m x 12.2m

Specifications and procedures subject to change without notice.



Statfree EuroT2™ Dissipative Dual Layer Rubber, 1.8mm

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Drawing Number
PME-EuroT2

Date:
 February
 2010