



Green

**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 suitable for use with continuous monitors. **The green material identifies the worksurface as a Lead-Free work zone. See illustration on the reverse side.**



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

**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/cm<sup>2</sup>
- 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

**Electrical Properties:**

- Dissipative Side:
  - Rp: 10<sup>6</sup> - 10<sup>8</sup> Ohms
  - Rg: 10<sup>6</sup> - 10<sup>8</sup> Ohms
- Conductive Side:
  - Rp: 10<sup>3</sup> - 10<sup>4</sup> Ohms
  - Rg: 10<sup>3</sup> - 10<sup>4</sup> Ohms
 per IEC 61340-4-1

**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](http://Charleswater.co.uk).

**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.

**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.



**Statfree EuroT2™ Lead-Free Dissipative Dual Layer Rubber, 1.8mm**

CHARLESWATER LTD.  
 UNIT 17. MILLBROOK BUSINESS PARK, SYBRON WAY  
 CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM  
 PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838  
 INTERNET: [www.charleswater.co.uk](http://www.charleswater.co.uk)

Drawing Number  
 PME-EuroT2 Green

DATE:  
 2/06

## Part Number Reference For Statfree EuroT2™ Lead-Free Rubber, Dissipative, 2-layer

# ROLLS



### Roll Stock Item Numbers

SIZE	GREEN
0.6x7.3 m	80575

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.

### 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  $1 \times 10^9$  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 meters from either end.

\*NOTE: Sizes of mat materials are nominal dimensions.

# MATS

## Mat Kits



### Mat Top Kit Item Numbers

SIZE	GREEN
0.6x0.9 m	80570
0.6x1.2 m	80571

### TO FORM A COMPLETE MAT KIT, ADD THE FOLLOWING:

Mat grounding cord  
Grounding hardware  
Wristband  
Coil Cord

## Lead Free Workstation

Statfree T2™ Lead-Free Rubber is laser engraved with "Lead-Free Workstation" to designate the area as free of lead.



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