



Brown

Disclaimer:

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

ITEM#	SIZE	TYPE
80141	1.2 x 2.4	mat
80142	1.2 x 12.2	roll

Description:

Statfree F™ corrugated material is specifically designed for use as floor mats or floor runners. The corrugated surface provides excellent cushioning and traction.

Specifications:

Construction: Homogeneous solid vinyl
 Thickness: 3.2mm
 Colour:* Brown
 Texture:* Corrugated face with smooth back

*Colour and texture may vary between lots and mills

Weight: 0.327 grams/cm²
 Hardness: 80 Shore A (ASTM D-2240)
 Tensile Strength: Greater than 1000 PSI, ASTM D412
 Elongation: 200%
 Abrasion Resistance: 28.7 grams loss ASTM-D3389 Method B, 1000 grams 4000 cycles
 Grounding: This material must be properly grounded to ensure proper electrical performance. Ask for Charleswater Technical Bulletin PPE-5025.E for mat grounding.
 Cleaning: For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. Charleswater suggests using Reztore Surface & Mat Cleaner Item #71021. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.



Electrical Characteristics:

Rp: 10E9 - 10E10 Ohms
 Rg: 10E9 - 10E10 Ohms
 Per IEC 61340-4-1

Tolerances:

Width ± .250"
 Length ± .250" every 1 linear foot of running material.

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 work surfaces. 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.

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.

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.



Statfree F™ Dissipative Corrugated Homogenous Vinyl, 3.2mm

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Drawing Number
 PME-F

DATE:
 2/06