

**Brown**

**Electrical Properties:**

Property	Test Method	Value
RTG Resistance:	ESD-S7.1	10 <sup>8</sup> Ohms
RTT Resistance:	ESD-S7.1	10 <sup>8</sup> Ohms
Charge Decay:	FTMS 101C, M4046	0.18 - 0.34 sec.

Electrical Properties obtained by testing to industrial standards by an independent testing laboratory @ 100 Volts and 50% relative humidity unless otherwise specified. Complete text of the test report is available upon request.

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.

**Specifications:**

Construction: Homogeneous solid vinyl  
 Thickness: 0.125" (3.2 mm)  
 Color:\* Brown  
 Texture:\* Corrugated face with smooth back.  
 Weight: 0.67 lbs/ft<sup>2</sup> (0.361 g/cm<sup>2</sup>) nominal  
 Hardness: 80 Shore A (ASTM D-2240)  
 Tensile Strength: Greater than 1000 PSI, ASTM D-412  
 Elongation: 200%  
 Abrasion Resistance: 28.7 grams loss ASTM-D3389 Method B, 1000 grams 4000 cycles  
 \*Color and texture may vary between lots and mills

Grounding: This material must be properly grounded for optimum electrical performance. Ask for Technical Bulletin TB-2000 for mat grounding instructions.

Cleaning: For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. We suggest using our Reztore™ Surface & Mat Cleaner Item #10435 or Static Wipes Item #10600. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

**See reverse side for available mat and roll sizes.**

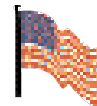
**RoHS Compliance Statement**  
 None of the following materials are intentionally added in manufacturing this product: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) as outlined in the Directive 2002/95/EC Article 4.1. See Desco Industries Inc. letter on-line at [Desco.com](http://Desco.com).

**Description:**

Statfree F™ corrugated material is specifically designed for use as floor mats or floor runners. The corrugated surface provides cushioning and excellent traction. It can be cut to configure custom sizes. Statfree F™ meets ANSI/ESD S20.20 and EIA-625 ESD worksurface and flooring requirements. It also meets the requirements of DOD-HDBK-263, DTD-STD-1686A, DOD-STD-2000, ESD S4.1 and EN 100 015 Issue 1.

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

**Limited Lifetime Warranty**  
 Desco 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 Desco Limited Warranty.



Made in America

**STATFREE F™ FLOOR MAT, VINYL, HOMOGENEOUS, DISSIPATIVE, .125 (3.2MM)**



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MATERIAL STATFREE F™  
 DRAWING PM-74

DATE:  
 2/06

Item Number Reference For Statfree F™ Corrugated, Dissipative Vinyl

# KITS



## Floor Mat

ITEM NO.	COLOR	SIZE
16005	Brown V-Groove	48" x 72"

### Floor Mat Kit Includes:

- 1 Floor mat, Statfree F™, size as specified
- 1 14234 floor ground kit

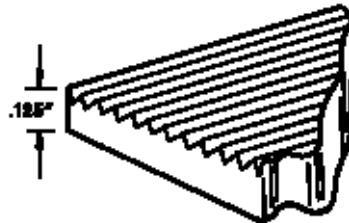
Look for the Statfree® brand on Desco ESD matting. All Desco mat top kits are permanently marked for your protection and auditing purposes.

# ROLL STOCK



Statfree F™  
Is Also  
Available In  
Full  
Rolls

0.125" (3.2mm)  
THICK ROLLS



## Roll Stock

ITEM NO.	COLOR	SIZE
16006	Brown V-Groove	48" x 40' Roll

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 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.

