

Black

Description:

Statfree F Plus™ Conductive Corrugated Vinyl 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 Plus™ meets ANSI/ESD S20.20 and EIA-625 ESD floor requirements and is also suitable for ESD floor component in Flooring-Footwear System as primary grounding method 3.5×10^{E7} ohms per ESD STM 97.1 Floor Materials and Footwear-Resistance in Combination with a Person. It also meets the requirements of DOD-HDBK-263, DTD-STD-1686A, DOD-STD-2000, ESD S4.1 and EN 100 015 Issue 1.

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.

Electrical Properties:

Property	Test Method	Value
RTG Resistance:	ANSI/ESD S7.1	10E3 - 10E5 Ohms
RTT Resistance:	ANSI/ESD S7.1	10E3 - 10E5 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.

Specifications:

Construction:	Homogeneous conductive solid vinyl
Thickness:	0.125" (3.2 mm) +/- 0.005"
Color:*	Black
Texture:*	Corrugated face with smooth back.
Weight:	0.98 lbs/ft ² nominal
Hardness:	90 +/- 5 Shore A (ASTM D-2240)
Tensile Strength:	Minimum 1200 PSI, ASTM D-412
Elongation:	75% minimum
Temperature Range:	0 - 150°F
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.

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.

Tolerances:

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

KITS



Floor Mat

ITEM NO.	COLOR	SIZE
16007	Black V-Groove	48" x 72"

Floor Mat Kit Includes:

- 1 Statfree F Plus™ Floor Mat
- 1 14234 Floor Ground Kit



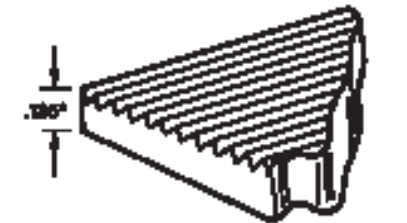
Look for the Statfree® brand on Desco ESD matting. Statfree F Plus™ Floor Mats are permanently marked for your protection and auditing purposes.

ROLL STOCK



Statfree F Plus™ Is Also Available In Full Rolls

0.125" (3.2mm) THICK ROLLS



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 ESD floors. 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.

Roll Stock

ITEM NO.	COLOR	SIZE
16008	Black V-Groove	48" x 40' Roll



Made in America

STATFREE F PLUS™ FLOOR MAT, VINYL, HOMOGENEOUS, CONDUCTIVE, .125" (3.2MM)



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STATFREE F PLUS™
DRAWING PM-124

DATE:
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