



**Description:**

[Statfree® DPL Plus™](#) mat is made with conductive homogenous vinyl top layer laminated to an anti-fatigue foam rubber bottom layer. The product is designed to provide a flooring surface that does not generate a static charge and will act as part of the path to ground for an operator wearing ESD footwear. The resistance range ( $1 \times 10^4$  to  $< 1 \times 10^6$  ohms Rtt) of the top layer will remain low enough to act as a path to ground with normal dirt and grim build up on a floor and meet the required limit of ANSI/ESD S20.20 Method 1 ( $< 3.5 \times 10^7$  ohms) for a flooring/footwear system. The bottom foam rubber layer is designed to reduce standing worker's fatigue and improve productivity. The diamond plate surface increases traction and tapered edges with radius corners help to prevent curling to improve safety in work areas.



Made in the United States of America

**Electrical Properties:**

Property	Test Method	Value
Charge Decay:	FTMS 101C, Method 4046	5,000 volts-0 volts in 0.03 seconds
Rtt Resistance:	ANSI/ESD S7.1	$1 \times 10^3$ to $< 1 \times 10^6$ ohms
Rtg Resistance:	ANSI/ESD S7.1	$1 \times 10^3$ to $< 1 \times 10^6$ ohms

**Specifications:**

Construction: Conductive vinyl top layer laminated to a foam rubber bottom layer  
 Thickness: 0.450" (11.4mm)  
 Radius: 1"  
 Surface: Embossed Diamond Plate Design  
 Hardness: 90 Shore A  
 Heat Resistance: 0°F to 150°F continuous  
 Weight: 1.45 lbs. per square foot  
 Density: Average: 33 lbs. per cubic foot

**Grounding:** This material must be properly grounded for optimum electrical performance. See for Technical Bulletin [TB-2000](#) for mat grounding instructions. Part numbers [40979](#), [40980](#), & [40981](#) include [14234](#) Grounding Kit

**Cleaning:** For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. We suggest using our [Statguard™ Floor Mat Cleaner](#). Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

**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 offers of Desco Industries, Inc.

**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](#).

**Limited 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.

**Tolerances:**

Width  $\pm 0.250$ "  
 Length  $\pm 0.250$ " every linear foot of material.

**Floor Mat Kit Item Numbers**

Item	Size
<a href="#">40979</a>	24" x 36"
<a href="#">40980</a>	36" x 48"
<a href="#">40981</a>	36" x 60"

**Roll Material Item Numbers**

Item	Size
<a href="#">40982</a>	36" x 60'

**FLOOR MAT KITS INCLUDE**

1 Floor Mat, size as specified  
 1 Grounding Kit [14234](#)

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 and procedures subject to change without notice

**STATFREE DPL PLUS™ FLOOR MAT, VINYL, CONDUCTIVE, ANTI-FATIGUE**



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**DRAWING NUMBER**  
 PM-125

**DATE:**  
 November  
 2012