

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 (1×10^4 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.

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	1×10^3 to $< 1 \times 10^6$ ohms
Rtg Resistance:	ANSI/ESD S7.1	1×10^3 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.

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

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