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Disclaimer:

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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.

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.

Description:

Desco's Statfree® CV mat is a conductive homogenous vinyl. 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 standing on the grounded mat. The resistance range ($10E4 < 10E6$ ohms) will remain low enough to act as a path-to-ground with normal dirt and grime build up on a floor and meet the required limit of ANSI/ESD S20.20 Table 2 Method 1 ($<3.5 \times 10E7$ ohms) for a flooring/footwear system. The high Durometer Hardness (90 +/-5) of the mat makes it good for use in higher traffic areas and allows personnel, chairs, and carts to pass freely. Each mat is lot coded for quality control and lifespan tracking.

Electrical Properties:

Property	Test Method	Value
Rtg Resistance:	ANSI/ESD S7.1	1 x 10E4 to < 10E6 ohms
Rtt Resistance:	ANSI/ESD S7.1	1 x 10E4 to < 10E6 ohms

Specifications:

Construction:	Homogeneous conductive vinyl
Thickness:	.125"
Color:*	Black
Texture:*	Embossed one side/Smooth backside
Tensile Strength (PSI):	1200 minimum
Elongation (%):	75 minimum
Tear Strength (Die C):	95 minimum
Coefficient of Friction:	0.36
Specific Gravity:	1.50 ± 0.005
Durometer Hardness:	Shore "A" 90 ±5
Chemical Resistance:	Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines
Continuous Operating:	0°F to 150°F
Flammability:	Passes FMV302

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 Statguard™ Floor Mat Cleaner Item [#10455](#). Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Item	Size
15005	.125" x 4' x 40' Roll
15006	.125" x 48" x 72" Cut Mat

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.

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

Specifications and procedures subject to change without notice.



STATFREE CV™ CONDUCTIVE VINYL FLOOR MATERIAL



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