



**Black**

**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.

**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.

**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).

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

**Description:**

Desco's Statfree® CV2 mat is a .110" thick conductive Thermoplastic Olefin material. It 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 x 10E4 to < 1 x 10E6 ohms Rtt) 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 x 10E7 ohms) for a flooring/footwear system. Statfree® CV2 is a hard flat mat designed for high traffic areas and good for use under chairs and carts. The edges of the mat will not fold or bend. 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 < 1 x 10E6 ohms
Rtt Resistance:	ANSI/ESD S7.1	1 x 10E4 to < 1 x 10E6 ohms

**Specifications:**

Construction: Homogeneous conductive (Thermoplastic Olefin)  
 Thickness: .110" (-0/+0.010")  
 Color:\* Black  
 Texture:\* Embossed one side/Smooth backside  
 Tensile Strength (PSI): 1000 minimum  
 Tear Strength (PPI): 200 minimum  
 Coefficient of Friction: 0.36  
 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 120°F  
 Flammability: Passes FMV302  
 100% recyclable

**Grounding:** This material must be properly grounded for optimum electrical performance. Ask for Technical Bulletin [TB-2000](#) for mat grounding instructions. Part numbers [15007](#) & [15008](#) 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.

Item	Size
<a href="#">15002</a>	.110" x 48" x 40' Roll
<a href="#">15003</a>	.110" x 48" x 60' Roll
<a href="#">15007</a>	.110" x 36" x 48" Mat
<a href="#">15008</a>	.110" x 48" x 72" Mat

Specifications and procedures subject to change without notice.

**STATFREE® CV2™ CONDUCTIVE, BLACK FLOOR MATERIAL**

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](http://Desco.com)  
 PHONE (909) 627-8178  
 DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407  
 PHONE (781) 821-8370



**Drawing Number**  
PM-129

**DATE:**  
June  
2012