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:

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rtg Resistance</td>
<td>ANSI/ESD S7.1</td>
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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: .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          | Quantity |
---------|---------------|----------|
15002    | .110" x 48" x 40" Roll |          |
15003    | .110" x 48" x 60" Roll |          |
15007    | .110" x 36" x 48" Mat   |          |
15008    | .110" x 48" x 72" Mat   |          |

Specifications and procedures subject to change without notice.