Description:
Statfree® O material meets the required limit from ANSI/ESD S20.20 worksurface and recommendation from ANSI/ESD S4.1 for an ESD worksurface in an ESD Protected Area. The material provides a surface that will not generate a charge and will control the discharge rate from all conductors (including ESD susceptible items) when placed on the grounded mat. Statfree® O material is a .375 inch thick 3-layer heat fused composite design. The top layer is lightly embossed dissipative hard vinyl, the middle layer is a conductive mesh to provide a path to ground and allows the mat to be used with continuous monitors, and bottom layer is an extra thick softer dissipative vinyl for protecting products from physical shock.

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 S4.1</td>
<td>1 x 10E6 to &lt; 1 x 10E9 ohms</td>
</tr>
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<td>1 x 10E6 to &lt; 1 x 10E9 ohms</td>
</tr>
</tbody>
</table>

Specifications:

- **Construction:** 3-Layer vinyl
- **Thickness:** 0.375” (9.5mm)
- **Texture:** Lightly embossed
- **Colors:** Blue

*Color and texture may vary between lots and mills*

**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 Restore™ Surface & Mat Cleaner Item #10435. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

**Tolerances:**
- **Width ± .250”
- **Length ± .250” every 1 linear foot of running material.**
- **Thickness ± 10%**

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.

**Item No.** | **Description** |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>65000</td>
<td>24” x 60’ (0.6m x 18.3m) roll</td>
</tr>
<tr>
<td>65001</td>
<td>30” x 60’ (0.8m x 18.3m) roll</td>
</tr>
<tr>
<td>65002</td>
<td>36” x 60’ (0.9m x 18.3m) roll</td>
</tr>
</tbody>
</table>

**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.

**Specifications and procedures subject to change without notice**

**STATFREE O™ MATERIAL, VINYL, DISSIPATIVE, 3-LAYER, .375” (9.5MM)**

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