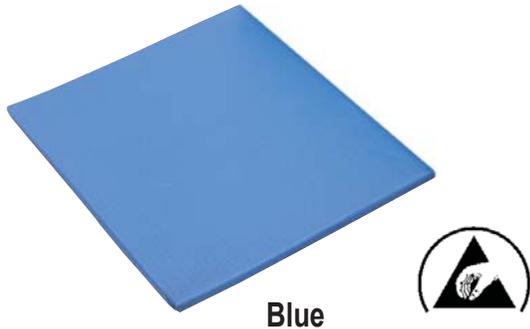


# Datasheet

Statfree O™ Dissipative 3-Layer Vinyl, 9.5mm x 580mm x 450mm

RS-798-9266



## Description:

Statfree O™ meets the flooring, storage rack and working surface limit and recommendation of EN 61340-5-1. This material is a dissipative 3-Layer vinyl that can be used as either a bench or floor mat. It is a thick, energy-absorbing mat which provides economical antifatigue properties when used as a floor mat. As a bench mat, it can protect parts susceptible to physical shock. The smooth surface allows for easy clean-up. Mat is compatible with continuous monitors.

### Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet EN 61340-5-1 Table 3 less than  $1 \times 10^9$  ohms for working surfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at three-metre intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than 1.5 metres from either end.

## Specifications:

Construction: 3-Layer vinyl  
 Thickness: 9.5mm  
 Colour:\* Blue  
 Texture:\* Smooth finish

\*Colour and texture may vary between lots and mills

**Grounding:** This material must be properly grounded for optimum electrical performance. Ask for Technical Bulletin [TB-7505](#) for mat grounding instructions. Note: Grounding Hardware not included

**Cleaning:** For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. RS suggests using Reztore™ Surface & Mat Cleaner. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

## Electrical Properties:

Rp-p:  $1 \times 10^6$  to  $< 1 \times 10^9$  ohms per IEC 61340-4-1  
 Rg:  $1 \times 10^6$  to  $< 1 \times 10^9$  ohms per IEC 61340-4-1

### 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.

### Tolerances:

Width and Length  $\pm 6$ mm  
 every 0.3m of running material  
 Thickness  $\pm 10\%$

*Unless otherwise noted, tolerance  $\pm 10\%$*

Specifications and procedures subject to change without notice.

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.

### RoHS 2 and REACH Statement

None of the following materials are intentionally added  
 None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2013/12/16 are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE.