



Blue

Disclaimer:

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Description:

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.



Electrical Properties:

Rp: 10E6 - 10E8 Ohms
Rg: 10E6 - 10E8 Ohms
per IEC 61340-4-1

Specifications:

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

*Colour and texture may vary between lots and mills

Limited Lifetime Warranty:

Charleswater 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 Charleswater 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 Charleswater.co.uk.

Grounding: This material must be properly grounded for optimum electrical performance. Ask for Tech Brief PPE-5025.E for mat grounding instructions.

Cleaning: For optimum electrical performance, surface must be cleaned regularly using an ESD mat cleaner. Charleswater Europe suggests using our Item #71021 Reztore™ Surface & Mat Cleaner. Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Hardware is not included with rolls.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 1 less than 1 x 10E9 ohms for worksurfaces. 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.

Item No.	Description
80530	0.6m x 18.3m roll, blue
80532	0.9m x 18.3m roll, blue

Tolerances:

Width +/- .250"
Length +/- .250" every 1 linear foot of running material.

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.



Statfree O™ Dissipative 3-Layer Vinyl, 0.6mm and 0.9mm

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Drawing Number
PME-O

DATE:
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