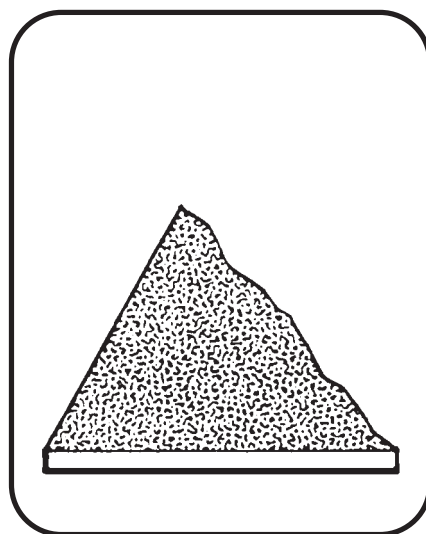


Blue



Beige

Description:

This reversible vinyl material has a smooth finish on one side and a non-glare finish on the other. It may be used with either side up. The mat can be turned over when one side is worn to extended life. For installation of static dissipative ESD Workstation Kits, see Charleswater Technical Bulletin PPE-5025.E.



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.

See reverse side for available mat and roll sizes.

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.

Tolerances:

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

Electrical Characteristics:

Rp: <10E9 Ohms
Rg: <10E9 Ohms
per IEC 61340-4-1

Specifications:

Construction: Homogeneous extruded thermoplastic vinyl
Thickness: 2.5mm
Texture:* Embossed
Colours:* Blue, Beige
Weight: 0.366 grams/cm²
Hardness: 80 Shore A (ASTM D-2240)
Wear Resistance: Negligible weight loss (750 cycles, Taber CS-17 Method)

*Colour and texture may vary between lots and mills

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

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

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.



Statfree B™ Dissipative Homogenous Vinyl, 2.5mm

CHARLESWATER LTD.
UNIT 17. MILLBROOK BUSINESS PARK, SYBRON WAY
CROWBOROUGH, EAST SUSSEX TN6 3JZ UNITED KINGDOM
PHONE: 00 44 (0) 1892-665313, FAX: 00 44 (0) 1892-668838
INTERNET: Charleswater.co.uk

Drawing Number

PME-B

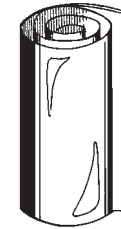
DATE:

10/06

**Part Number References for Statfree B™ Vinyl, Dissipative Homogeneous Material.
These Standard Charleswater Kits Contain 2.5mm Blue or Beige Material.**

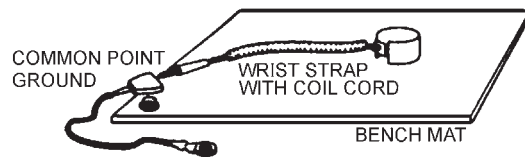
Mats

SIZE (m)*	BEIGE	BLUE
0.6 x 1.2	80183	80185



Mat material available in full rolls (2.5mm thick)

Mat Kits



TO FORM A COMPLETE MAT KIT, ADD THE FOLLOWING:

- Mat grounding cord
- Grounding hardware
- Wristband
- Coil Cord

Roll Material

SIZE (m)*	Beige	Blue
0.6 x 12.2	80216	80228
0.9 x 12.2		80231
1.2 x 12.2		80233

***NOTE:** Sizes of mat materials are nominal dimensions

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 1×10^9 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.

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.