



Description:

Statfree B™ meets the minimum recommended worksurface requirement of ANSI/ESD S20.20 of <10E9 ohms. This extruded homogeneous vinyl dissipative material can be used with either side up. One side has a smooth surface which is easy-to-clean and maintain, and the other has a non-glare finish which makes it easier to identify small parts. Statfree B™ is easy to cut to configure to fit your requirements. The material is dimensionally stable with minimum shrinkage or curling.

Statfree B™ has excellent color stability, minimizing discoloration. The 0.100" thick is a better value, providing a longer life and is ideal for general purpose worksurface matting. The thinner 0.060" material is the economical choice, and is ideal for use on cafeteria-style trays.

Electrical Properties:

Property	Test Method	Value
RTG Resistance:	EOS/ESD S4.1	<10E9 ohms
RTT Resistance:	EOS/ESD S4.1	<10E9 ohms

Electrical Properties obtained by testing to industrial standards by an independent testing laboratory @ 100 Volts and 50% relative humidity unless otherwise specified. Complete text of the test report is available upon request.

Specifications:

- Construction: Homogeneous extruded thermoplastic vinyl
- Thickness: 0.100" (2.5mm) and 0.060" (1.5mm), nominal ±10%
- Texture:* Embossed one side/Smooth backside
- Color: Blue
- Hardness: 80 shore A (ASTM D-2240)
- Wear Resistance: Negligible weight loss (750 cycles, Taber CS-17 Method)
- *Color, texture, and gauge 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 Reztore™ Surface & Mat Cleaner Item [#10435](#) or Static-Wipes Item [#10600](#). Do not use cleaners with silicone. Silicone buildup will create an insulative film on the surface.

Worksurface mats meet required limits of ANSI/ESD S20.20 tested per ANSI/ESD S4.1 and ESD TR53.

Statfree B™ Full Rolls

Size	Item
0.100" x 24" x 100'	16261
0.100" x 30" x 40'	16265
0.100" x 30" x 100'	16266
0.100" x 36" x 40'	16282
0.100" x 36" x 100'	16267
0.100" x 48" x 40'	16283
0.060" x 24" x 100'	16290
0.060" x 30" x 100'	16292
0.060" x 36" x 100'	16291
0.060" x 48" x 100'	16293

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.

Tolerances:
Width ± .250"
Length ± .250" every 1 linear foot of running material.



Made in the United States of America

Specifications and procedures subject to change without notice.

STATFREE B™ MATERIAL, VINYL, DISSIPATIVE, HOMOGENEOUS, .100" & .060"

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 **WEB SITE:** [Desco.com](#)
PHONE (909) 627-8178 FAX (909) 627-7449
DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370 FAX (781) 575-0172

Drawing Number
PM-78

Date:
December
2011

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.

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](#).

Limited Warranty:

Desco 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 Desco Limited Warranty.

Mat Top Kits

Size	Item
24" x 36"	16213
24" x 48"	16214

1 Benchmat, Statfree B™, size as specified
1 [14213](#), common point ground kit

