

Excellent Integrated System Limited

Stocking Distributor

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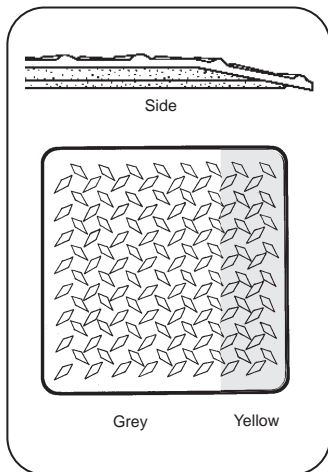
[Desco](#)
[40975](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



Made in America



Grey with yellow stripe

Description:

Anti-fatigue dissipative floor mat; homogeneous vinyl laminated to a unique super-resilient, double-thick, rubber foam base. This static dissipative, diamond plate surface offers a high-tech look while providing safe flooring with traction. Diamond plate surface and tapered edges are adopted from industrial safety applications; it is a proven safety and anti-fatigue product. Yellow safety border provide high visibility and alert employees to ESD controlled areas.

Electrical Properties:

Property	Test Method	Value
Charge Decay:	FTMS 101C, Method 4046	5,000 volts-0 volts in 0.03 seconds
RTT Resistance:	ANSI ESD S7.1	10 ⁸ ohms
RTG Resistance:	ANSI ESD S7.1	10 ⁸ 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.

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.

Specifications:

Construction:	Homogenous vinyl laminated to dual-layer foam rubber
Thickness:	0.450" (11.4mm)
Surface:	Embossed Diamond Plate Design
Hardness:	80 Shore A
Heat Resistance:	32°F to 150°F continuous
Weight:	1.45 lbs. per square foot
Density:	Average: 33 lbs. per cubic foot

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.

Item No.	Size	Color
40975 Floor Mat	36" x 48"	Grey w/yellow safety borders
40976 Floor Mat	36" x 60"	Grey w/yellow safety borders
40977 Floor Runner	36" x 60'	Grey w/yellow safety borders

Mats include our complete Floor Ground Kit Item #14234. Rolls do not include hardware.

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 offers of Desco Industries, Inc.



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

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 ten-foot intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than five feet from either end.

Look for the Statfree® brand on Desco ESD matting. All Desco mat top kits are permanently marked for your protection and auditing purposes.

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 Lifetime 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.

STATFREE DPL™ FLOOR MAT, VINYL, DISSIPATIVE, ANTI-FATIGUE, 0.450 (11.4MM)

DESCO

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MATERIAL STATFREE DPL™
DRAWING PM-113

DATE:
2/06