



SPI

Description:

SPI's BRD Series Three Layer Vinyl provides an effective ESD work surface where working on ESD sensitive items. Durable with heavy vinyl surface, and buried conductive layer. Matting is easily grounded with the use of a Common Point Ground Cord. Smooth top benefits easy to clean. All mats are easily maintained and should be regularly cleaned using SPI's Resque 2 Worksurface Cleaner.

Specifications:

Resistance Top to Top (RTT): 10E7 - 10E8 Ohms, per S20.20 ESD STM S4.1
 Resistance Top to Ground point (RTG): 10E6 - 10E8 Ohms, per S20.20 ESD STM S4.1
 Thickness: 0.125" tolerance \pm .010"
 Colors: Blue, Gray

Standards:

- Meets the requirements of ANSI/ESD S20.20, and recommendation of ESDSTM S4.1, EIA 625, MIL-HDBK -263 and MIL-STD-1686.

Features:

- Compatible with constant monitors
- Good electrical performance

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.

See reverse side for available mat and roll sizes.

BRD Series Dissipative Three-Layer Vinyl

ESD SYSTEMS.com

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Visit our online
library of Tech Drawings:
ESDSystems.com

DRAWING NUMBER
BRD Series

DATE:
December
2008

Item Number Reference For BRD Series Dissipative Three-Layer Vinyl

KITS

MAT TOP KIT INCLUDES
One installed 10mm snap socket



Mat Top Kit Item Numbers

SIZE	BLUE	GRAY
18" x 24"	96104	96105
18" x 36"	96108	96109
18" x 48"	96112	96113
24" x 24"	96116	96117
24" x 36"	96120	96121
24" x 48"	96124	96125
24" x 60"	96128	96129
24" x 72"	96130	96131
24" x 84"	96132	96133
24" x 96"	96134	96135
30" x 36"	96136	96137
30" x 48"	96138	96139
30" x 60"	96140	96141
30" x 72"	96142	96143
30" x 84"	96144	96145
30" x 96"	96146	96147
36" x 36"	96148	96149
36" x 48"	96150	96151
36" x 60"	96152	96153
36" x 72"	96154	96155
36" x 84"	96156	96157
36" x 96"	96158	96159
48" x 48"	96160	96161
48" x 60"	96162	96163
48" x 72"	96164	96165
48" x 84"	96166	96167
48" x 96"	96168	96169

ROLL STOCK



**BRD Series
Is Also
Available In
Full
Rolls**

Roll Stock Item Numbers

SIZE	BLUE	GRAY
24" x 50'	96100	96101
24" x 100'	96102	96103
30" x 50'	96106	96107
30" x 100'	96110	96111
36" x 50'	96114	96115
36" x 100'	96118	96119
48" x 50'	96122	96123
48" x 100'	96126	96127

Hardware is not included with rolls.



For best results use 95329
Common Point Ground Cord
with BRD Series Dissipative
Three-Layer Rubber

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 snaplocated no further than five feet 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.