



Blue, Grey, Black

Grounding & Cleaning

If the material is used on top of an already properly grounded surface, [grounding hardware](#) may not be necessary. Where no properly grounded surface is available, [grounding hardware](#) is required to provide a path-to-ground. Rtg compliance verification measurements must be made as outlined in ESD TR53 with a [surface resistance meter](#).

See Tech Bulletin [TB-7000](#) for Reztore® Surface & Mat Cleaner Application Instructions.

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](#).

RoHS 3, REACH, and Conflict Minerals Statement

See the Desco Industries RoHS 3, REACH, and Conflict Minerals Statement:

<http://www.descoindustries.com/ROHS.aspx>

See the Desco Limited Warranty:

<http://desco.descoindustries.com/Limited-Warranty.aspx>

See the Desco Disclaimer:

<http://desco.descoindustries.com/Disclaimer.aspx>

Specifications

Standard Document

ANSI/ESD S20.20

Electrical Properties

Charge Decay:

Rtt Resistance:

Rtg Resistance:

Typical Values

<0.01sec.

1×10^6 to $< 1 \times 10^9$ ohms

1×10^6 to $< 1 \times 10^9$ ohms

Physical Properties

Construction:

Thickness:

Color:*

Texture:*

Hardness:

Tensile Strength:

Tear Strength:

Elongation:

Abrasion Resistance:

Heat fused vinyl composite

0.125" (3.2mm)

Blue, Grey, Black

Light Embossing

45 Shore "A"

>300 psi

>80 lbs/inch

>80%

>750 cycles

Meets Requirements of:

Worksurface

Test Procedures/Method

FTMS 101C, M 4046

ANSI/ESD S4.1 and ESD TR53

ANSI/ESD S4.1 and ESD TR53

ASTM-D412

ASTM-D412

ASTM-D624

ASTM-D412

Tabor-CS17

Other Properties

Heat Resistance:

Chemical Resistance:

Does not melt or burn when coming into contact with hot solder and soldering irons.

Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines

Tolerances:

Width ± 0.250 "

Length ± 0.250 " every 1 linear foot of running material.

Thickness $\pm 10\%$

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.

*Color and texture may vary between lots and mills.

For product listings, [Click Here](#).



Made in the
United States of America

Specifications and procedures subject to change without notice.

STATFREE® Z2™, VINYL, DISSIPATIVE, 3-LAYER, 0.125" (3.2MM)

DESCO

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STATFREE Z2™
DRAWING PM-112

DATE:
July
2017

Mouser Electronics

Authorized Distributor

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