



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 and procedures subject to change without notice.

DESCO

Specifications

Standard Document

ANSI/ESD S20.20

Electrical Properties

	Typical Values
Charge Decay:	<0.01sec.
Rtt Resistance:	1×10^6 to $< 1 \times 10^9$ ohms
Rtg Resistance:	1×10^6 to $< 1 \times 10^9$ ohms

Physical Properties

Construction:	Heat fused vinyl composite
Thickness:	0.125" (3.2mm)
Color:*	Blue, Grey, Black
Texture:*	Light Embossing
Hardness:	45 Shore "A"
Tensile Strength:	>300 psi
Tear Strength:	>80 lbs/inch
Elongation:	>80%
Abrasion Resistance:	>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

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 $\pm 0.250"$
Length $\pm 0.250"$ 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

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

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STATFREE Z2™
DRAWING PM-112

DATE:
July
2017

Mouser Electronics

Authorized Distributor

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