



Conductive Rubber

STATFREE G2™ CONDUCTIVE RUBBER



Specifications

Standard Document
ANSI/ESD S20.20

Meets Requirements of:
Flooring

Electrical Properties

Rtt Resistance:
Rtg Resistance:

Typical Values

1×10^4 to $< 1 \times 10^6$ Ohms
 1×10^4 to $< 1 \times 10^6$ Ohms

Test Procedures/Method

ANSI/ESD STM7.1 and ESD TR53
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Physical Properties

Construction: Homogeneous, SBR, volume conductive rubber¹
Thickness: 0.060" (1.52 mm)
Color:² Black
Texture:² Low glare, light embossed texture, smooth
Weight: 0.58 lbs/ft² (0.282 g/cm²) nominal
Hardness: 70 Shore A (ASTM D-2240)
Chemical Resistance: Resistance to degradation by inorganic acids, organic acids, reducing agents, aliphatic hydrocarbons, mineral oil, aldehydes, and amines

¹Rubber material is vulcanized and may contain sulfur.

²Color and texture may vary between lots and mills

Tolerances:

Width +/- 0.250"
Length +/- 0.250" every 1 linear foot of running material.

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.

For product listings, [Click Here](#)

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 Reztope® 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>



Made in the
United States of America

STATFREE G2™ FLOOR MAT, CONDUCTIVE, RUBBER, 0.060" (1.5mm)

DESCO

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MATERIAL
STATFREE G2™
DRAWING PM-106

DATE:
May
2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Desco:](#)

[82068](#)