



**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

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

### Test Procedures/Method

ANSI/ESD STM7.1 and ESD TR53  
ANSI/ESD STM7.1 and ESD TR53

### Physical Properties

Construction: Homogeneous, SBR, volume conductive rubber<sup>1</sup>  
 Thickness: 0.060" (1.52 mm)  
 Color:<sup>2</sup> Black  
 Texture:<sup>2</sup> Low glare, light embossed texture, smooth  
 Weight: 0.58 lbs/ft<sup>2</sup> (0.282 g/cm<sup>2</sup>) 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

<sup>1</sup>Rubber material is vulcanized and may contain sulfur.

<sup>2</sup>Color 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 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>



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