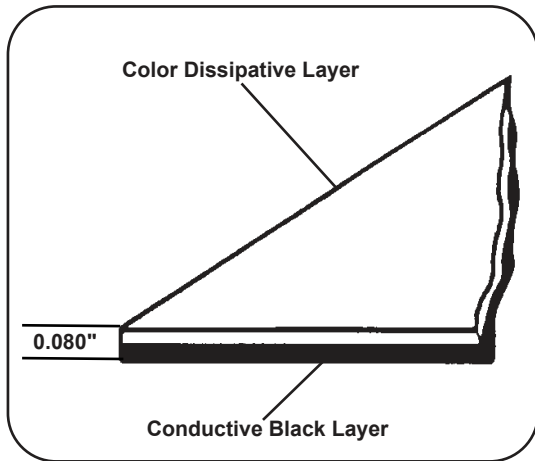




STATFREE® HJ MATERIAL DISSIPATIVE RUBBER



2-Layer

Specifications

Standard Document

ANSI/ESD S20.20

Meets Requirements of:

Worksurface

Electrical Properties

Dissipative Surface Layer

Rtt Resistance:

Typical Values

1 x 10⁶ to < 1 x 10⁹ ohms

Rtg Resistance:

1 x 10⁶ to < 1 x 10⁹ ohms

Test Procedures/Method

ANSI/ESD STM4.1

ANSI/ESD STM4.1

Ground Plane Layer

Rtt Resistance:

< 1 x 10⁶ ohms

ANSI/ESD STM4.1

Physical Properties

Construction:

Dual-layer rubber material

Thickness:

0.080" (2.0mm)

Color:*

Top – Blue/Dark Green, Bottom - Black

Embossing:*

Slight Texture

Weight:

0.43 lbs./sq. ft. (0.2g/cm²)

Hardness:

80 to 90 per JIS K 6253

Other Properties

Heat Resistance:

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

Chemical Resistance:

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

Oil Absorption Resistance:

Resists oil absorption to maintain physical and electrical properties.

Tolerances:

Width ± 0.4"

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

Thickness ±10%

Due to the increased hardness of the Statfree HJ® material, trimming or cutting the material may be difficult. Please [contact us](#) for specific sizing requirements.

*Color and texture may vary between lots and mills.

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 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH (Registration, Evaluation and Authorization of Chemicals) substances of very high concern as of 2020/06/25, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2015/863/EU and Regulation (EC) No. 1907/2006/CE.

**Tray liners have 3/4" radius corners and do not include grounding hardware.

Made in Japan

Specifications and procedures subject to change without notice.

STATFREE® HJ DISSIPATIVE, RUBBER, 2-LAYER, 0.080" (2.0mm)

DESCO

DESCO WEST: 3651 WALNUT AVE., CHINO, CA 91710 WEB SITE: [Desco.com](#)
PHONE (909) 627-8178

DESCO EAST: ONE COLGATE WAY, CANTON, MA 02021-1407
PHONE (781) 821-8370

MATERIAL
STATFREE HJ
Drawing PM-133

DATE:
March
2022