

CUSHIONED STATIC SHIELDING FILM



Specifications:

Static Control Properties

Packaging Materials for ESD Sensitive Items
Static Control Film - Level 3 (except transparency)

Meets Requirements of:

ANSI/ESD S541 (ANSI/ESD S20.20)
ANSI/ESD S11.4



Electrical Properties

Surface Resistance:

Outer Surface

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms

Inner Surface

1×10^4 to $< 1 \times 10^{11}$ ohms

Discharge Shielding

< 20 nJ

Test Procedures/Method

ANSI/ESD STM11.11

ANSI/ESD STM11.11

ANSI/ESD STM11.31, EIA 541

Physical Properties

Material Thickness:

Thickness

Nominal 0.150" (3.8mm) $\pm 10\%$

Puncture Resistance

> 20 lbs

MIL-STD-3010, 1003

MIL-STD-3010, 2065

Cleanliness

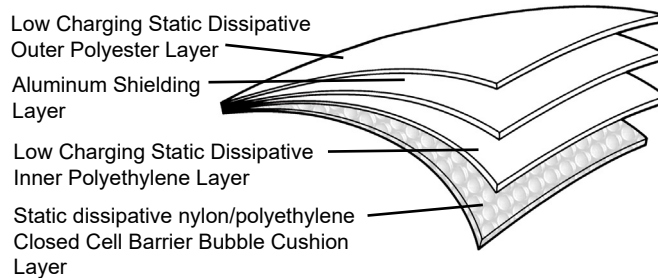
Silicone

Not detected

ASTM E 168

Chemical Properties

Film is free of amines, N-octanoic acid, silicones and heavy metals.



Tolerances:

Width ± 0.25 "

Length -0 yd, +10 yd

ANSI/ESD S541 Section 6.2 Outside an EPA

"Transportation of sensitive products outside of an EPA shall require packaging that provides:

1. Low charge generation
2. Dissipative or conductive materials for intimate contact
3. A structure that provides electrostatic discharge shielding."

This product is intended for commercial use only. This product is not on the Qualified Product Listing under the Defense Standardization Program.

RoHS 2, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, or REACH substances of very high concern as of 2017/01/12, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Directive 2011/65/EC Article 4.1. and Regulation (EC) No. 1907/2006/CE. See [SCS Warranty, Limitation of Liability and Remedies](#)



Mixed Unsortable Plastic Scrap

Mixed unsortable plastic scrap shall contain assorted plastics of multiple grades that are co-extruded, bonded or laminated together which are unsortable into individual grades

SCS film is recyclable



Made in the
United States of America

Specifications and procedures subject to change without notice.

CUSHIONED STATIC SHIELDING FILM

SCS

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**DRAWING
NUMBER**
2300R Film

DATE
June
2017