

Excellent Integrated System Limited

Stocking Distributor

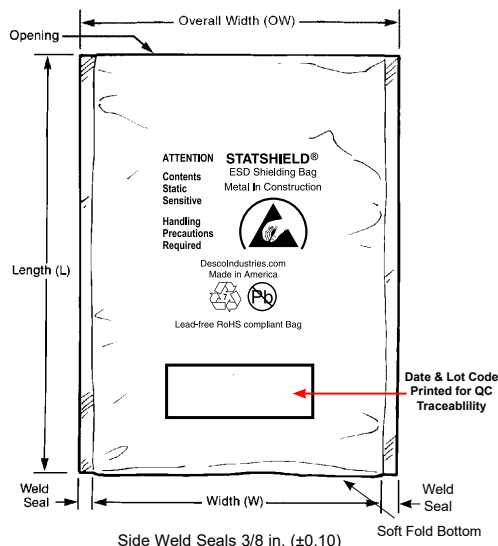
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Desco](#)
[13400](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

STATSHIELD® METAL-IN BOXED SERIES



Specifications:

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

Electrical Properties

Surface Resistance:
Outer Surface
Inner Surface
Discharge Shielding
Charge Generation
Capacitance Probe (to dissipate 1 KV)

Typical Values

1×10^4 to $< 1 \times 10^{11}$ ohms
 1×10^4 to $< 1 \times 10^{11}$ ohms
 < 20 nJ
Teflon: 0.09 nC/sq. in.
Quartz: 0.01 nC/sq. in.
 < 30 volts

Meets Requirements of:
ESD Protective Packaging
Level 3 Technical Requirements

Test Procedures/Method

ANSI/ESD STM11.11
ANSI/ESD STM11.11
ANSI/ESD STM11.31, EIA 541
Modified Incline Plane
Modified Incline Plane
ANSI/EIA-541/Appendix E, 1kV Discharge

Physical Properties

Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
Non-corrosive
Silicone
Marking Adhesion

Nominal 0.0030" (0.0762mm) $\pm 10\%$
Nominal -0" / + 0.125"
Nominal ± 0.125 "
 $> 40\%$ (Tobias)
 > 10 lbs/in
4600 PSI, 32 MPa
 > 10 lbs
Pass
Not detected
Pass

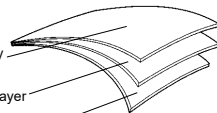
MIL-STD-3010, 1003
ASTM D-1003
375°F, 1/2 sec 60 psi
ASTM 882
MIL-STD-3010, 2065
MIL-STD-3010, M3005
ASTM E168
IPC-TM-650 2.4.1

Chemical Properties

Corrosion

No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel

Low Charging Static
Dissipative Proprietary
Outer Polyester Layer
Aluminum Shielding Layer
Low Charging Static
Dissipative Proprietary
Inner Polyethylene Layer



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."

RoHS 2, REACH and Conflict Minerals Statement

None of the RoHS 2 restricted materials, REACH substances of very high concern as of 2015/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See Desco Industries Inc. [Limited Warranty at Desco.com](#).

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click [HERE](#).



Made in the
United States of America

Specifications and procedures subject to change without notice.

STATSHIELD® METAL-IN BOXED, 0.0030" (0.0762mm)

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**DRAWING
NUMBER**
13330

DATE:
June
2016

DESCO