STATSHIELD® FOIL MOISTURE BARRIER BAG WITH IPC/JEDEC MOISTURE SENSITIVE CAUTION MARKINGS

Specifications:

Standard Document
ANSI/ESD S541 (ANSI/ESD S20.20)
ANSI/ESD S11.4 Level 1
IPC/JEDEC J-STD-033C

Typical Values
1 x 10^4 to < 1 x 10^11 ohms
<10 nJ
20 volts
-0.09 (nC/in^2)
+.10 (nC/in^2)

Electrical Properties
Surface Resistance (both exterior and interior)
Discharge Shielding
Static Shielding
Charge Generation
Teflon
Quartz

Test Procedures/Method
Meets Requirements of:
ESD Protective Packaging
All Moisture and ESD Properties for Level 1 Products
Packaging of Moisture/Reflow Sensitive Methods

Electrical Properties
Surface Resistance (both exterior and interior)
Discharge Shielding
Static Shielding
Charge Generation

Physical Properties
Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Opening Offset
Puncture Strength
Heat Seal Strength
(Microbar sealer)
Seal Strength
MVTR
Silicone
Contact Corrosion
Non-corrosive
Marking adhesion

Typical Values
Nominal 4.0mil (0.10mm) ±10%
Nominal -0" / + 1/4"
Nominal +/- 1/8",
0" to 1/4"
>25 lbs
>11 (lb/in width)
>12 PSI
≤0.0003/g/100sq.in/24hours
Not detected
No evidence of corrosion,
pitting, or etching of material
Pass
MIL-STD-3010, 1003
MIL-STD-3010C, 2065
ASTM D1876-93
ASTM D882
ASTM F1249-90
FTIR
FTMS 101C, Method 3005

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Note: The complete dry package concept of packaging for electronics requires three elements:

Statshield® Moisture Barrier Bags - To Protect
Dessicant - To Absorb Moisture
Humidity Indicator Card - To Monitor Performance

For detailed instructions see Technical Bulletin TB-2031 - Moisture Barrier Bags Application Instructions.

RoHS, REACH and Conflict Minerals, Statement
See the Desco Industries RoHS, REACH, and Conflict Minerals Statement: DescoIndustries.com/ROHS3.aspx

See the Desco Limited Warranty:
DescoDescoIndustries.com/Limited-Warranty.aspx

Statshield® and Statfree® are Registered Trademarks of Desco Industries Inc.
See Bag Selection Chart Click HERE.

Statshield® bags are packaged 100 per package in an oversized shielding bag.
See Shielding Bag Storage at TB-7057.

Specifications and procedures subject to change without notice.

STATSHIELD® FOIL MOISTURE BARRIER BAG, 4.0MIL (0.10mm)

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DESIGN SUGGESTIONS

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