STATSHIELD® STANDARD MOISTURE BARRIER BAG

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

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

Typical Values
1 x 10^4 to < 1 x 10^11 ohms
<10 nJ
20 volts
-0.09 nC/sq. in.
+0.10 nC/sq. in.

Test Procedures/Method
ANSI/ESD STM11.11
ANSI/ESD STM11.31
EIA 541
Modified incline plane
Modified incline plane

Physical Properties
Film Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Opening Offset
Puncture Strength
Heat Seal Strength
MVTR
Silicone
Non-corrosive
Marking Adhesion

Typical Values
Nominal 3.5mil (0.09mm) ±10%
Nominal -0” / + 1/4”
Nominal +/- 1/8”,
0” to 1/4”
>20 lbs
>11 (lb/in width)
>12 PSI
≤0.02/g/100sq.in/24hours
Pass
Pass

Test Procedures/Method
MIL-STD-3010, 1003
MIL-STD-3010, 2065
ASTM D1876-93
ASTM D882
ASTM F1249
FTIR
MIL-STD-3010, M3005
IPC-TM-650 2.4.1

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

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

Statshield® Standard, Moisture Barrier Bag, 3.5MIL (0.09mm)

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