



METAL-IN STATIC SHIELD BAGS WITH OPEN TOP

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

Physical Properties

Film Thickness

Width (Inside Dimensions)

Length (Inside Dimensions)

Light Transmission

Heat Seal

Tensile Strength

Puncture Resistance

Non-corrosive

Silicone

Marking Adhesion

Nominal 3.0 mil (0.07 mm) ± 10 %

Nominal -0" / + 0.250"

Nominal ± 0.125 "; Offset 0 to 1/4"

> 40 % (Tobias)

> 10 lbs/in

4600 PSI, 32 MPa

> 10 lbs

Pass

Not detected

Pass

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

MIL-STD-3010, 1003

ASTM D-1003

375 °F, 1/2 sec 60 psi

ASTM D882

MIL-STD-3010, 2065

MIL-STD-3010, M3005

FTIR

IPC-TM-650 2.4.1

RS Item #	Width	Length
1828792	75 mm	125 mm
1828809	100 mm	150 mm
1828815	125 mm	200 mm
2877739	150 mm	200 mm
1908427	150 mm	230 mm
1828821	150 mm	255 mm
1828837	200 mm	255 mm
2878221	200 mm	305 mm
1828843	255 mm	305 mm
2877767	255 mm	355 mm
4156977	280 mm	380 mm

RS Item #	Width	Length
3876406	305 mm	405 mm
2909375	305 mm	455 mm
3876412	355 mm	455 mm
4156999	380 mm	455 mm
4157009	455 mm	455 mm
2877773	455 mm	610 mm
1908423	355 mm	405 mm
1908427	150 mm	230 mm
1908428	505 mm	610 mm
1908429	610 mm	914 mm

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."

Tolerances:

Width: -0, +6.4 mm

Length: ± 3.2 mm

Opening offset: 0 – 6.4 mm

Unless otherwise noted, tolerance ± 10 %

Specifications and procedures subject to change without notice.



Made in the United States of America



METAL-IN STATIC SHIELD BAGS WITH OPEN TOP, 3.0 MIL (0.07 mm)

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Drawing Number
RS-182-8792

DATE:
November
2019