



ESD ULTRA CLEAR BAGS WITH ZIPPER

Meets the required limits of ANSI/ESD S20.20, Packaging standard ANSI/ESD S541, and Static Control Bag standard ANSI/ESD S11.4 Level 5.

Specifications:

Electrical Properties

Surface Resistence:
(Interior and Exterior)
Charge Generation:
Teflon
Quartz

Typical Value

1×10^4 to $< 1 \times 10^{11}$ ohms
-0.10 (nC/in²)
+0.10 (nC/in²)

Test Procedures/Method

per ANSI/ESD STM11.11
Modified Incline Plane
Modified Incline Plane

Physical Properties

Thickness
Width (Inside Dimensions)
Length (Inside Dimensions)
Light Transmission
Heat Seal
Tensile Strength
Puncture Resistance
Silicone
MVTR

Nominal 3.5 mil (0.09 mm) $\pm 10\%$
Nominal -0" / + 1/4"
Nominal +/- 1/8", Offset 0" to 1/4"
>90 %
>8 (lbs/in)
>5,300 (MD/TD, psi)
>14 lbs
Not detected
0.35 (grams/100 in²/24 hrs)

MIL-STD-3010, 1003
STM D-1003
375 °F, 0.75 sec 60 psi
ASTM D-882
MIL-STD-3010, 2065
FTIR
ASTM F-1249

Chemical Properties

Polycarbonate compatible: Contains no Amines, Amides, or N-Octanoic Acid.

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

ANSI/ESD S541 section 6.1 Inside an EPA

"Packaging used within an EPA (that satisfies the minimum requirements of ANSI/ESD S20.20) shall be:

- Low charge generation
- Dissipative or conductive materials for intimate contact"

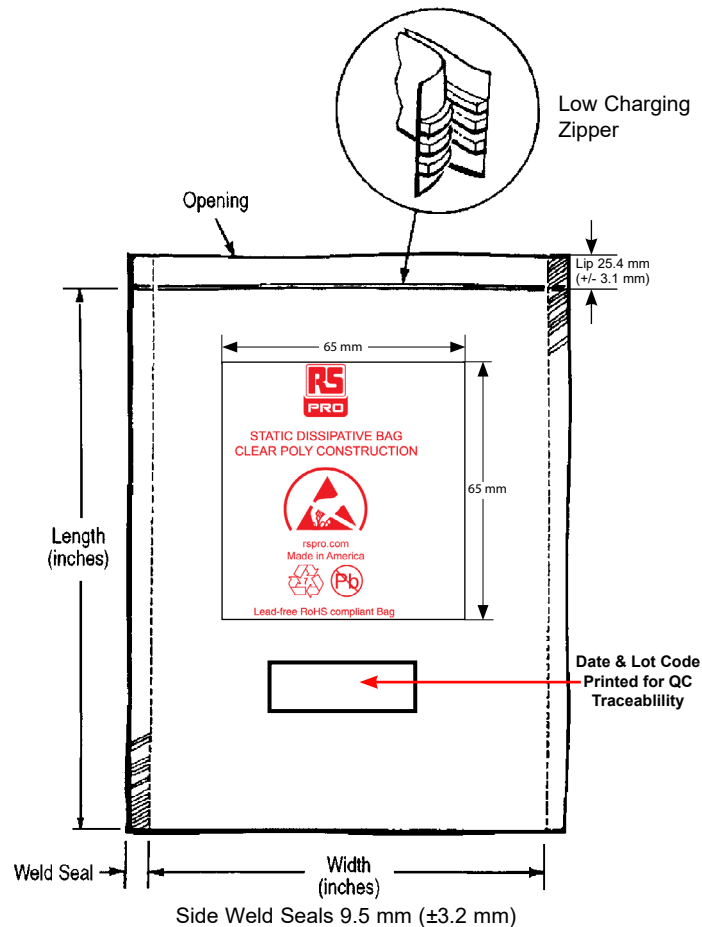
Tolerances:
Width: -0, +6.2 mm
Length: ± 3.2 mm
Opening offset: 0 – 6.4 mm

Unless otherwise noted, tolerance $\pm 10\%$

Specifications and procedures subject to change without notice.



Made in the United States of America



Side Weld Seals 9.5 mm (± 3.2 mm)

RS Item #	Width	Length
1908426	76 mm	127 mm
1229154	102 mm	152 mm
1229155	152 mm	203 mm
1229156	203 mm	255 mm
1229157	254 mm	305 mm



ESD ULTRA CLEAR BAGS WITH ZIPPER, 3.5MIL (0.09 mm)

RS COMPONENTS LTD.
BIRCHINGTON ROAD, CORBY,
NORTHANTS, NN17 9RS, UK

Drawing Number
RS-190-8426

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