



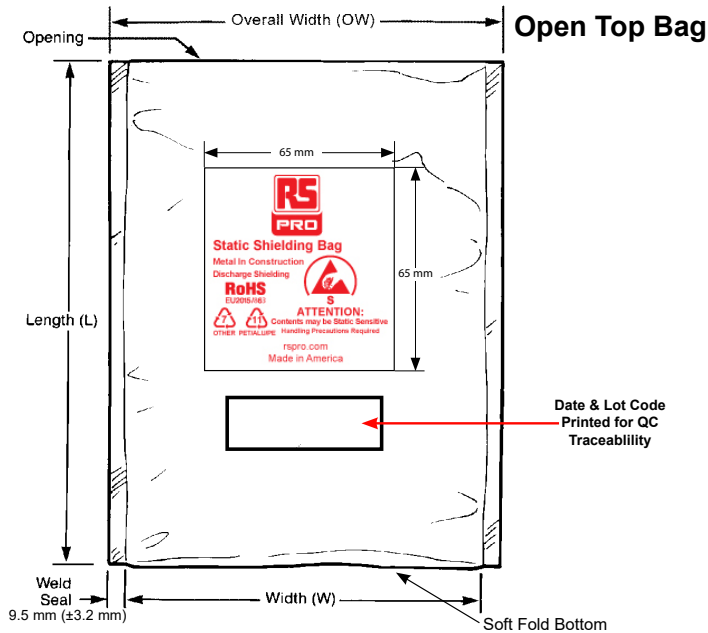
# Datasheet

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

Stock No: 1908423,1908427,1908428,1908429



ENGLISH





# Technical Specifications:

## Standard Document

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

## Electrical Properties

Electrical Properties	Typical Values
Surface Resistance:	
Outer Surface	1 x 10 <sup>4</sup> to < 1 x 10 <sup>11</sup> ohms
Inner Surface	1 x 10 <sup>4</sup> to < 1 x 10 <sup>11</sup> ohms
Discharge Shielding	<20 nJ
Charge Generation	Teflon: 0.09 nC/sq. in Quartz: 0.01 nC/sq. in
Capacitance Probe (to dissipate 1 KV)	<30 volts

## Physical Properties

Film Thickness	Nominal 3.0 mil (0.07 mm) ±10 %
Width (Inside Dimensions)	Nominal -0" / + 0.250"
Length (Inside Dimensions)	Nominal ± 0.125"; Offset 0 to 1/4"
Light Transmission	>40 % (Tobias)
Heat Seal	>10 lbs/in
Tensile Strength	4600 PSI, 32 MPa
Puncture Resistance	>10 lbs
Non-corrosive	Pass
Silicone	Not detected
Marking Adhesion	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

## 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



Made in the United States of America

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

Unless otherwise noted, tolerance ±10 %

Specifications and procedures subject to change without notice.



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