

Datasheet

Anti-Static Heat Seal ESD-Safe Bag

RS Stock number [182-8837](#)



Description

- Shielding bags are designed to protect ESD sensitive components and assemblies from all harmful aspects of static electricity. Their Faraday cage design ensures ESD safety.
- Critical metal layer is sandwiched between static-dissipative layers to protect the static shield.
- Surface resistivity of the metal layer is less than 10^2 OHMS per square to shield against static charges.
- Static-dissipative polyethylene inner layer is amine-free, polycarbonate compatible and octanoic acid –free.

Specifications

- | | |
|------------------------|---------------|
| • Closure Type | • Heat Seal |
| • Height | • 10in |
| • Material Properties | • Anti-Static |
| • Quantity per Package | • 100 Each |
| • Width | • 8in |



Electrical Properties	Typical Values	Test Method
<ul style="list-style-type: none">Surface Resistance		
<ul style="list-style-type: none">Outer Surface	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	IEC 61340-2-3
<ul style="list-style-type: none">Inner Surface	1 x 10 ⁴ to < 1 x 10 ¹¹ ohms	IEC 61340-2-3
<ul style="list-style-type: none">Discharge Shielding	<20 n J	ANSI/ESD STM11.31
<ul style="list-style-type: none">Charge Generation	Teflon: 0.09 nC/sq. in. Quartz: 0.01 nC/sq. in.	Modified Incline Plane Modified Incline Plane
<ul style="list-style-type: none">Capacitance Probe (to dissipate 1 KV)	<30V	EIA 541
<ul style="list-style-type: none">Chemical Properties		
<ul style="list-style-type: none">Corrosion	No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel	
<ul style="list-style-type: none">Polycarbonate Capability	Yes	