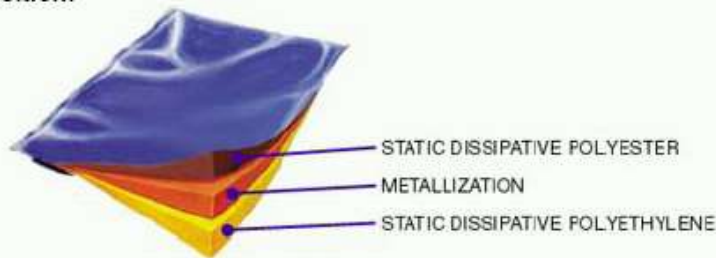


ESD Metal in STATIC SHIELDING BAG, OPEN TOP

TYPE III. TRANSPARENT, STATIC SHIELDING.

Durable and high quality Metal-in, Tri-layer construction ESD shielded bag acts as Faraday cage. Shield bags are used to protect electronic devices during production, storage and shipping. These bags do not accumulate charge and the metal shield stops static fields and charges from damaging the electronics inside the bag. Offers superior quality (Meets or Exceeds Mil-B81705 Rev-D and RoHS directives) With a total thickness of 2.8, 3 mils , 40% light transmission, heat sealable and cost effective.

Construction / Composition:



Specifications:

Electrical Properties

Electrical Properties	Typical Values	Test Procedures/Method
Outer Surface	<10 ¹¹ ohms	EOS/ESD S11.11 / ESD S20.20
Aluminum Layer	<10 ² ohms	EOS/ESD S11.11 /ESD S20.20
Inner Surface	<10 ¹¹ ohms	EOS/ESD S11.11 /ESD S20.20
Static Decay	<0.05 sec	MIL-PRF-81705D; FTMS 101C, M4046.1
Static Shielding	<25 Nj	EOS/ESD S11.31 /ESD S20.20
Charge Generation	Teflon: 0.09 nC/sq.in.	Modified Incline Plane
Quartz: 0.01 nC/sq.in.		
Capacitance Probe (to dissipate 1KV)	<30V	MIL-PRF-81705D, EIA 541 , EIA 625

Physical Properties

Polyester Layer	0.5 Mils Static Dissipative PET film	ASTMD-2103
Aluminum Layer	10-25 Angstroms	
Polyethylene Layer	2.5 Mils Static Dissipative PE film	ASTMD-2103
Total Thickness	2.7 to 3.2 Mils	ASTMD-2103
Light Transmission (%)	>40% (Tobias)	ASTMD-2103
Burst Strength (psi)	>50	FTMS 101K, Method 2065.1
Heat Seal (lbs/in)	>10	375°F, 1/2 sec 60 psi
Seam Strength	Pass	MIL-PRF-87105D
Tensile Strength (lbs)	>25	ASTM D-882
Puncture Resistance (lbs)	>10	ASTM D-2065
MVTR (gms/100in/24 hrs, 100F)	<0.40	FTMS 101C/2065
Abrasion Resistance	>100 cycles	Sutherland Abr. (.0000 steel wool)
Out gassing	Pass	ASTM E595

Chemical Properties Corrosion

No effect on aluminum, copper, silver, Sn-Pb coated foil, stainless steel, low carbon steel