

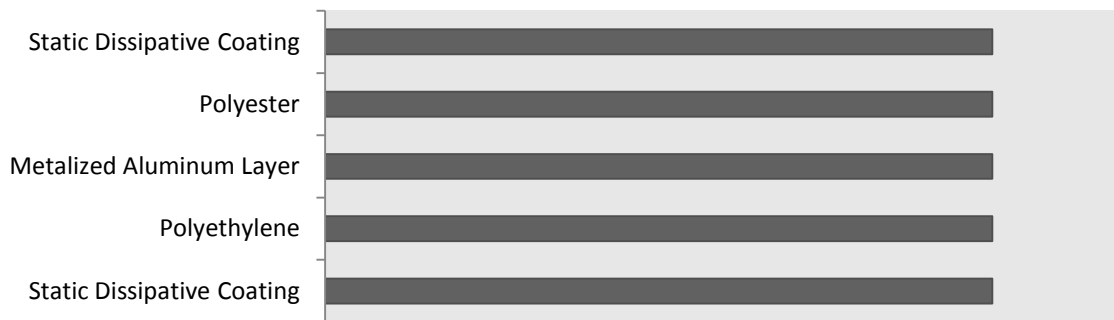
# Static Shielding Bag: Metal In

This transparent, metalized static shield bag provides a static safe environment for sensitive electronic devices. Five layer construction. Polyester dielectric and metal layer provide Faraday Effect shielding of ESD and fields. Flat and zipper bags can be custom made as per requirement.

## Description:



### Construction from outer to inner layer in Bag form



## Material Structure

Open top and ZipTop Static shielding bags are manufactured from Polyester/Metal/Polyethylene laminates. The polyester dielectric in concert with the metal layer provide Faraday Effect shielding of an Electrostatic Discharge(ESD).

The metal layer prevents the penetration of damaging electrostatic fields..

**Specifications:****Electrical Properties:**

	Typical Values(Test Methods)
Surface Resistivity / Resistance	ASTM D257 or ANSI/ESD STM11.11
Interior	<10 <sup>12</sup> ohms/square or <10 <sup>11</sup> ohms
Exterior	<10 <sup>12</sup> ohms/square or <10 <sup>11</sup> ohms
Metal	100 ohms
Static Shielding	< 30 volts,(EIA 541)
Static Shielding	< 10 nJ (EOS/ESD S11.31)
Static Decay	< 0.05 seconds(FTMS 101 MTH 4046)
Charge Generation	
Teflon	0.09 nC/sq.in. -Modified Inclined Plane - Quartz 0.01 nC/sq.in.

**Physical Properties:**

Tensile Strength :	>25 lbs
Seam Strength:	Pass
Light Transmission	40 %
Heat Sealing Conditions	Temperature 250 F - 375 F
Time	0.5 - 3.5 seconds
Pressure:	30 - 70 PSI
Thickness	3.1 mils (+/-10%)

The values shown above were taken from random samples from actual production material and are typical to the product. Actual values of material may vary from the one specified and Paradise Laminators Pvt. Ltd. take no warranty express or implied. Customer should determine the product upon his own criteria or any other parameters.