

**ESD Moisture Barrier Bag** is designed for dry packing of static sensitive electronic devices, precision component, chemical raw material, medical intermediate and so on. The bag has four layers structure and good water and oxygen prevention property and light shielding capability. The material is weldable. The bag type and size can be customized.

**Standards**

Meets electrical and physical requirements of MIL-B-81705C, EIA-541, ASTM D-257, ASTM F1249-2005 and ASTM D3985-2005.

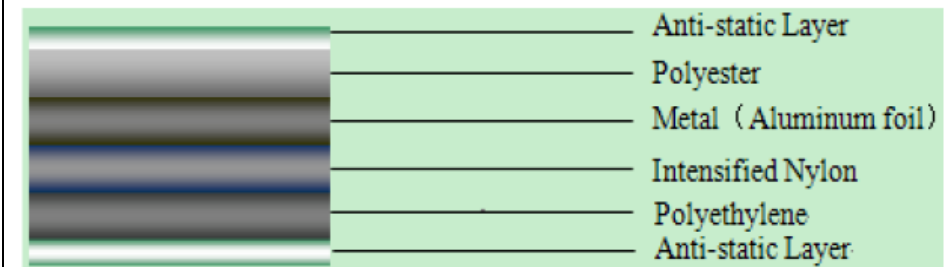
**Specifications**

<b>Material Properties</b>		
<b>Property</b>	<b>Typical Value</b>	<b>Test Method</b>
Thickness	150µm	N/A
Puncture Resistance	34.4lbs	FTMS101C, Method 2065.1
Strength Resistance	26.0lbs	
Tensile MD	72.6Mpa	GB/T 13022-1991
Strength MD	64.4Mpa	
MVTR(g/(100in <sup>2</sup> ·24h)	<0.002	ASTM F1249-2005
Heat Seal Strength	78.7N/15mm	GB/T 2358-1998
Heat Sealing Conditions	165°C±10°C	
	1s-4s 70 - 100 Pa	
Surface Resistivity	< 1x10E12 Ohms/sq.	ASTM D-257
Decay Time	< 0.3s	EIA-541



**Material Structure**

This material of static dissipative polyester, aluminum foil, Nylon and dissipative polyethylene provides a very low MVTR. This foil barrier material meets or exceeds the MVTR and static shielding requirements of IPC/JEDEC J-STD-033, MIL-PRF-81705 Type I for static safe and moisture barrier packaging.



**Size**  
See in our shop

**PRODUCT DATA SHEET**

**ESD Moisture Barrier Bag**

[www.samytronic.de/ESD-Sperrschicht-Beutel](http://www.samytronic.de/ESD-Sperrschicht-Beutel)

