

BT-MB 3000 ESD Moisture Barrier Film/Bag(VMPET/VMPET/PE)

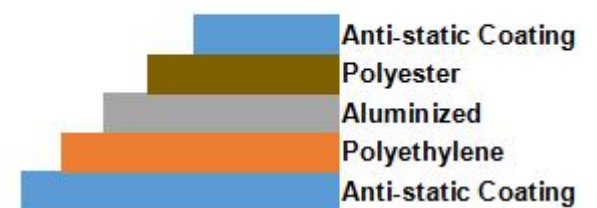
ESD Aluminized Moisture Barrier Film/Bag made from VMPET/VMPET/PE films for packaging ESD sensitive devices. This bag provides moisture barrier properties intended to protect moisture sensitive devices that require a higher protection from moisture. This bag also provides static control properties intended to protect electronic devices and assemblies from ESD.

SPECIFICATIONS

Electrical Properties	Typical Values	Test Method
Surface Resistance		ANSI/ESD STM 11.11
Interior	<10E11ohms	
Exterio	<10E11 ohms	
Metal	<100 ohms	
Static Shielding	<15 nJ	ANSI/ ESD STM11.31
Static Decay	<0.03 seconds	EIA 541
Charge Generation	< 100 volts	** 15kV and 12% RH
Physical Properties		
Material Thickness	3.6mil+/-10%	**
Puncture Resistance	≥10.0lbs	MIL-PRF-81705D
Tensile Strength	> 4500 psi MD/TD	ASTM D882
Seam Strength	No separation	MIL-PRF-81705D
Optical Density	Opaque(Silver)	ASTM D-882
Heating sealing	375°F 0.5sec.60 PSI	**
Conditions MVTR	< 0.02grams/100sq. in/day	ASTM F-1249
Appearance	No tears,holes,sctratches,etc.	
Chemical Properties		
Amines/Amides	.Compliant to ROHS,REACH, Halogen free ETC requirement Not detected	FTIR
Cleaning Performance		
LPC	≤1200 particle /CM2	
DHS		
Phenonis (BHT,Ionol 2) and derivatives	≤ 530 ng /cm2	
Hydrocarbons and Others Ethyl Acetate	<1179 <0.5	
Total outgassing NVR	<1709	
Hexane/IPA	≤4.5ug/ cm2	
FTIR		
silicone	<5ng/cm2	
oil IC		
Single Anion	≤ 0.0 1ug/cm2 Nitrate ≤ 0.06 ug/cm2	
TotalAnion	≤ 0.10 ug/cm2	
particle content	Talc: particles / CM2, Hard Particles: particles/cm2	



Material Structure



Tel:(86)-755-29652402 www.szbtree.com email:englishsales88@btree.cn

Factory Address: A2 Bldg, Huafeng Industrial Park, Zhongxing Rd., West Lake Village, Qiuchang Town, Huizhou, Guangdong China 516221

Office Address: Room 1016, Nuobo Plaza, 269#, Qianjin Rd., Bao An District, Shenzhen Guangdong China 518100