

Description

Moisture Barrier Bag is made from a high barrier foil structure, and is Designed for dry packaging of electronic devices. Bags help to protect SMD's from moisture and static damage. Flexible structure is easy to vacuum seal. Its construction: static polyester, foil shield, static dissipative polyethylene.



Technical Data

Physical Property		Typical Value
Thickness	MIL-STD-3010 1003	4 mils(10.1μm ±10%)
Tensile strength	MIL-STD-3010 1003	8500 PSI
Tear strength	ASTM D 1004-66 Notched	≥2 lbs
Puncture Strength	MIL-STD-3010 2065	≥20 lbs
Hot sealing strength	Mil PRF 81705D	≥16 lbs
Moisture-vapor transmission	ASTM F-1249@100°F/100sq in/24hrs	≤0.0003 gms
Hot sealing condition:		
Temperature		150°C - 200°C
Time		0.6 - 4.5s
Pressure		30 - 70 PSI
Static Property		Typical Value
Static shielding	Mil-PRF-81705,EIA 541 or EOS/ESD STM11.31	< 20 V or < 10 nJ
Static decay	MIL-STD-3010 4046	< 2s
Surface resistance	ASTM D257 or ANSI/ESD S11.11	< 1.0 * 10e12 ohms/sqm or < 1.0 * 10e11 ohms
Chemical property		
Polycarbonate compatibility	EIA564	Pass(185oF,3400 psi)
Amine,amide,silicone	FTIR / NMR	None