

Specification of Moisture Barrier Bags

PART No. 105-3750-



Moisture barrier bags are designed for the packaging of SMD's, protecting them from moisture and static damage.

Dry devices are placed inside the Moisture Barrier Bag and the moisture laden air is evacuated.

Desiccant filled pouches scavenge the remaining moisture from the bags interior which is entrapped by the desiccant.

Humidity Indicator Cards report the effectiveness of the package upon device use.

Appearance:

Clean

No wrinkle, surface scratch, damage, pin hole, delimitation.

No separation on the encapsulation.

Product Information:

- Multilayer barrier bags offering superior protection against EMI, ESD, Anti Static and moisture absorption
 - Heat Sealable
 - Excellent vacuum retention
 - Faraday cage effect protection
 - Custom sizes available
 - Resistant to puncture and wear
 - Long time stocking in a damp atmosphere
 - Surface resistance - Conforms to IEC 61340-5-1, EIA 583, EIA 541, EIA 625, IPC/JEDEC J-STD033, MIL-PRF-81705D, MIL-B-81705C TYPE 1 CLASS 1. 94/62/EC Directive related to packaging & packaging wastes
- RoHS compliant.

ABOUT KAISERTECH

Founded in 1998, Kaisertech Ltd is situated in Eastleigh, Hampshire.

Through hard work and dedication Kaisertech has grown to be a well-recognized supplier of electronic production equipment and tools.

Specialists in: Soldering, Static Control, Vision, Industrial Furniture, Electric crew Drivers & Special Projects.

Electrical Properties:
Typical Values

Surface Resistivity/Resistance	ANSI/ESD S11.11	
Interior	>106 <1011 ohms/square	>106<1011 ohms/square
Exterior	>106 <1011 ohms/square	>106<1011 ohms/square
Static Shielding	<30 volts STM11.31	
Static Shielding	<50 nj STM11.31.2006	
Static Decay	<2 seconds	IEC61340-5-1-1998
Charge Retention	<100 volts	IEC61340-5-1-1998

Physical Properties

Puncture Strength	≥10.2kg	FTMS101, MTH2065
Burst Strength	146kg/cm2	ASTM D-638
Snap Power	≥3.7kg	GB/T 1040-2006
(Vertical and Horizontal)		ISO 527-2:1993
ASTM D639-03		
Elongation Rate at break	≥3.3kg	ASTM D-638
Tear Strength	≥0.6kg	GB/T 16578-96
(Vertical and Horizontal)		ASTM D1004-03
ASTM D1938-02		

Peel Strength ≥0.5kg

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Heat Seal Strength	≥3.7kg	ASTM D-1876-72
WVTR Water Vapour	≤0.002	(ANSI/EIA 583 ASTM F1249 (230c 90%RH)
class 1) g/100sq.in./24 hrs		
Thickness	100micron (4 mils) +/- 10%	
OTR-Oxygen Transmission Rate	≤1.4cm ³ /(m ² .24h.0.1MPa)	ASTM D3985
Shelf Life	≥3 years	

Standards: Meets the requirements of the joint IPC/JEDEC J-STD-033, ANSI/ESD S20.20, STM11.31 2006, EIA541, MIL-B-81705C Type 1, IEC 61340-5-1, FTMS101, MTH2065, GB/T 1040, ISO 527-2: , ASTM D639-03, ASTM D-638, GB/T 16578-96, ASTM D1938-02, ASTM D-1876-72.

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