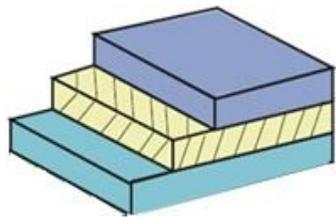


Moisture barrier bags are designed for the packaging of SMD's, protecting them from moisture and static damage. Dry devices are placed inside the Moisture Barrier Bag and the moisture laden air is evacuated. Desiccant filled pouches scavenge the remaining moisture from the bags interior which is entrapped by the desiccant. Humidity Indicator Cards report the effectiveness of the package upon device use.

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.



**Static Dissipative Polyester
Aluminum Shield
Static Dissipative Polyethylene**



Electrical Properties:

Surface Resistivity/Resistance
Interior
Exterior
Static Shielding
Static Shielding
Static Decay
Charge Retention

Typical Values

ANSI/ESD S11.11
>10⁶ <10¹¹ ohms/square >10⁶<10¹¹ ohms/square
>10⁶<10¹¹ ohms/square >10⁶<10¹¹ ohms/square
<30 volts STM11.31
<50 nj STM11.31.2006
<2 seconds IEC61340-5-1-1998
<100 volts IEC61340-5-1-1998

Physical Properties

Puncture Strength
Burst Strength
Snap Power
(Vertical and Horizontal)

Elongation Rate at break
Tear Strength
(Vertical and Horizontal)

≥10.2kg FTMS101, MTH2065
146kg/cm2 ASTM D-638
≥3.7kg GB/T 1040-2006
ISO 527-2:1993
ASTM D639-03
ASTM D-638
GB/T 16578-96
ASTM D1004-03
ASTM D1938-02

Peel Strength
Heat Seal Strength
WVTR Water Vapour

≥0.5kg
≥3.7kg ASTM D-1876-72
≤0.006 (ANSI/EIA 583 ASTM F1249 (23^oc 90%RH)
class 1) g/100sq.in./24 hrs

Thickness
OTR-Oxygen Transmission Rate
Shelf Life

100micron (4 mils) +/- 10%
≤1.4cm3/(m2.24h.0.1MPa) ASTM D3985
≥3 years

Appearance:

Clean
No wrinkle, surface scratch, damage, pin hole, delimitation, void. Pass
No separation on the encapsulation.

See related items:
Humidity Indicator Cards
and Desiccant bags

PRODUCT DATA SHEET: MOI
Ref:1017PMOYC 2017

*Bags have a batch number for QA traceability.
All custom sizes can be manufactured to specific requirements. Standard size chart available.*

All information supplied in this technical sheet is believed to be reliable and is for guidance only and information.