



PRODUCT DATA SHEET

MPK-2000 Economic Static Shield Moisture Barrier Bag

Miller Packaging's MPK-2000 Economic Moisture Barrier Bags are made of multiple layers of Metalized Polyester and Polyethylene to provide a cost-effective package for your ESD and moisture sensitive products. This highly flexible structure is easy to vacuum and seal. Miller Packaging bags are coded for QC traceability.

Standards

Meets electrical and physical requirements of MIL-PRF-81705 Type 1, EIA 583, EIA 541, EIA 625, and EOS/ESD Standards.

Specifications

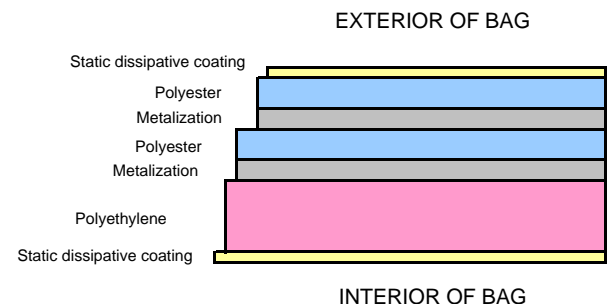
<i>Physical Properties:</i>	Typical Values	
MVTR (g/100sq. In./24 hrs)	<.02	ASTM F 1249
Puncture Resistance	>20 lbs.	FTMS 101 MTH 2065
Thickness	3.6 mils. nominal	MP005
Tensile Strength	40 lbs.	ASTM D882
Seal strength	Pass	MIL-PRF-81705
Heat Sealing Conditions		
Temperature	300°F – 400°F	
Time	0.6 - 4.5 seconds	
Pressure	30 - 70 psi	
 <i>Electrical Properties:</i>		
Surface resistivity / Resistance	ASTM D257	or ANSI/ESD STM 11.11
Interior	< 10 ¹² ohms/square	or < 10 ¹¹ ohms/square
Exterior	< 10 ¹² ohms/square	or < 10 ¹¹ ohms/square
Metal	100 ohms	
Static Shielding	< 20 volts	EIA 541
Static Shielding	< 10 nJ	EOS/ESD S11.31
EMI Attenuation	45 db	MIL-PRF-81705
Static Decay	< 0.03 seconds	FTMS 101 MTD 4046
Non-corrosive	Pass	FTMS 101 MTD 3005
Outgassing	Pass	ASTM E595



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Material Structure

3.6 mils of metalized polyester and polyethylene provide puncture resistance and protection against moisture vapor and ESD in an economical dry package. This moisture barrier bag meets or exceeds the moisture and ESD protective requirements MIL-PRF-81705 Type 1 and EIA 583.



MPK-2000 Economical Moisture Barrier Bag

PRODUCT

METALIZED MOISTURE BARRIER BAG
STATIC SHIELD
ECONOMICAL

DATASHEET

MPK-2000-A

Miller Packaging

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