Ihr Partner für
individuelle Verpackungen

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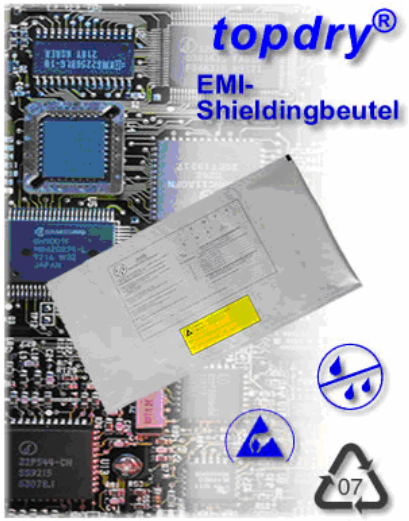
Technical Data Sheet

Moisture Barrier Bag ~ Foil

The Moisture Barrier Bag is designed for dry packaging of electronic devices. The bags are made from a high barrier foil structure. Bags protect SMD's from moisture and static damage. Flexible structure is easy to vacuum seal. Lot coded for QC traceability.



Standards

Meets electrical and physical requirements of IPC/JEDEC J-STD-033, MIL-PRF-81705 Type 1, EIA 583, EIA 541, EIA 625, and EOS/ESD Standards.

Specifications

Physical Properties:	Typical Values	
MVTR(g/100 sq.in./24 hrs)	<.0003	ASTM F 1249
Puncture Resistance	>20 lbs	FTMS 101 MTH 2065
Thickness	4.0 mils	SCC 008
Tensile Strength	8500 PSI MD	ASTM D-882
	9500 PSI TD	ASTM D-882
Elongation	130 % MD	ASTM D-882
	85 % TD	ASTM D-882
Seam Strength	Pass	MIL-PRF-81705
Heat Sealing Conditions:		
Temperature Time Pressure	300°F - 400°F 0.6 - 4.5 seconds 30 - 70 PSI	

Electrical Properties: Surface Resistivity / Resistance	ASTM D257	or ANSI/ESD STM11.11
Interior	$<10^{12}$ ohms/square	or $<10^{11}$ ohms
Exterior	$<10^{12}$ ohms/square	or $<10^{11}$ ohms
Metal Static Shielding	100 ohms < 30 volts	EIA 541
Static Shielding	< 20 nJ	EOS/ESD S11.31
EMI Attenuation	45 dB	MIL-PRF-81705

Material Structure
4 mils of static dissipative polymer, aluminum foil, and static dissipative polyethylene provide a very low MVTR. This foil barrier material meets or exceeds the MVTR and EMI/RFI/Static Shielding requirements of IPC/JEDEC J-STD-033 MIL-PRF-81705 Type I, and EIA 583, for static safe, moisture barrier packaging.