Metallised Shielding Bags
Buried Metal

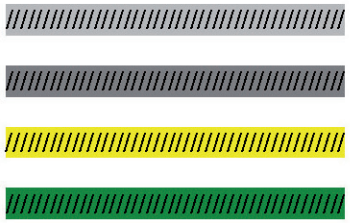
Material Structure

1/ Static Dissipative Layer

2/ Polyester

3/ Aluminium Shielding Layer

4/ Static Dissipative Polyethylene



Conductive buried aluminium shielding layer between two polymeric plastic layers: exposed surface static dissipative.

Contains no amines, amides or n-octanoic acid.

- Can be Heat Sealed
- Available in various sizes
- Available with gripseal closure system

PHYSICAL PROPERTIES:

Yield (per pound)	8,750sq.in
Total Thickness	3.1 mils (80 micron)
Tensile Strength: (ASTM D 882-91, Method A)	MD: 5800 psi TD: 6600 psi
Tear Strength (D 1004-66 Notched)	MD: 2.5lbs TD: 85%
Elongation (ASTM D 882-91, Method A)	MD: 80% TD: 85%
Burst Strength (FTMS 101 C, Method 2007 Ia)	50 psi
Puncture Strength (FTMS 101C, Method 2065.1)	>12lbs
Heat Seal Strength (D1876-93) Vertod bar sealer/heat & dwell 5.5	>14lbs/in width (room temperature)
MVTR (ASTM F-1249 @ 100°F/100 sq in/24hrs	0.3gms – nominal
Light Transmission (ASTM D-1003-92)	40% +/- 5%

ELECTRICAL PROPERTIES:

EMI Shielding (mili-B-81705C)	>10dB Between 1 & 10 GHZ
Resistivity – Conductive Metal Layer (ASTM D-257)	<50 ohms/sq. (5 x 10^1 ohm/sq)
Capacitive Probe Test (high Voltage Discharge) – (EIA – Std 541/Appendix E – 1KV)	<20 volts
Static Decay (FTMS 101C, Method 4046.1, 5000 to O volts)	<.0.03 Seconds
Surgace Resistivity (both surfaces) – (ESO11.11 @ 12% R.H.)	<10^{12} ohms/sq (10^{10} ohm/sq typical)
Charge Generation – nominal (Modified incline plane average nC/sq.in)	Teflon: - 0.09 Quartz: +0.10

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