

Metallised Shielding Bags Buried Metal - Open Top

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

Contains no amines, amides or n-octanoic acid.

- Available in various size
- Suitable to heat seal.
- Also available in Gripseal Closure .



Material Structure

- | | |
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| 1. Static Dissipative Layer |  |
| 2. Polyester |  |
| 3. Aluminium Shielding Layer |  |
| 4. Static Dissipative Polyethylene |  |

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 1a) 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 @ 100oF/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 101 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 0 volts) <.0.03 Seconds
 Surgace Resistivity (both surfaces) – (ESO11.11 @ 12% R.H.) <1012 ohms/sq (1010 ohm/sq typical)
 Charge Generation – nominal (Modified incline plane average nC/sq.in) Teflon: - 0.09 Quartz: +0.10

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