

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

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) <.03 Seconds
Surge Resitivity (both surfaces) – (ES011.11 @ 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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