

**Metallised Shielding Bags Buried Metal - Gripseal Closure**

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 sizes
- Also available in open top style.



**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 mills (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

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2008.