



Static Shielding Bag (Metal In) 1000 Series



Static Dissipative Polyester



Metallic Layer



Static Dissipative Polyolefin

PHYSICAL PROPERTIES

| Characteristic | Specification | Unit | Method of Test |
|-----------------------|---------------|-----------------|-------------------------|
| Thickness, nominal | 0.07 | mm | ASTM - D354 |
| Tensile Strength - MD | 5800 | psi | ASTM - D882 |
| - TD | 5200 | psi | |
| Tear Resistance - MD | 30 | N | ASTM – D1004 |
| - TD | 30 | N | |
| Puncture Resistance | 11 | lbf | FTMS 101C (Method 2065) |
| Sealing Strength | 9 | lbf | ASTM – D1876 |
| Optical Density | 0.3 | | |
| MVTR | 0.05 | g/100 sq in/day | ASTM F- 1249 |

ELECTRICAL PROPERTIES

| Surface Resistance | Specification | Unit | Method of Test |
|--------------------|---------------|------|----------------|
| Outer surface | <1.0 E10 | ohms | S11.11 |
| Metallic layer | <1.0 E 3 | ohms | S11.11 |
| Inner layer | <1.0 E11 | ohms | S11.11 |

CHARGE DISSIPATION

| | | | |
|-----------------------------|--------|---|------------------------------|
| Outer Layer Polyester | < 2 | s | FTMS 101C, Mtd 4046 |
| Metallic Layer | < 0.05 | s | From 5,000 volts to 50 volts |
| Inner Static Dissipative PE | < 2 | s | 23C, 12% RH |

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