



**Ground Zero Electrostatics**  
**ANTI-STATIC/POLYESTER/METAL/POLYETHYLENE**

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PHYSICAL PROPTERTIES	TEST METHOD	SPECIFICATION
Thickness	PST #001	2.9 mil
Yield	PST #002	9,000 sq. in/lb.
Tensile Strength	ASTM-D882	15lbs/in
Puncture Resistance	FTMS 100C Method 2065	>12 lbs.
Tear Initiation	ASTM-D1004-94A	>2 lbs.
Mullen Burst	ASTM-D774	82 PSI
Seam Strength	ASTM-D882	> 12 lbs./in.
Haze	ASTM-D1003	4%
Optical Density		0.35 – 0.45
Transparency	ASTM-D1003	40%
Heat Seal		375°F 0.5 sec 60 PSI
Blocking		None

ELECTRICAL PROPERTIES	TEST METHOD	SPECIFICATION
Surface Resistivity	ASTM-D257 at 15% RH	PE<10 <sup>11</sup> OHMS/sq. PET 10 <sup>11</sup> OHMS/sq.
Electrostatic Decay	FTMS 101 Method 4046	.01 sec.
Capacitance Probe	EIA-541	<10 volts difference
Metal Layer	ETS-8C3 at 15% RH	<100Ω
Meets or exceeds electrical requirements of MIL-PRF-81075d, Type III		

CHEMICAL PROPERTIES	TEST METHOD	SPECIFICATION
Contact Corrosivity	FTMS 101C Method 3005 (sodium fluoride phosphate & sodium ions)	No visible signs after testing at deterioration.

Bag Sizes	As specified by customer. Also available in re-closable top
Recommended Conditions for Heat Sealing	Temperature: 250°F – 375°F Time: 0.5 – 3.5 seconds Pressure: 30 – 70 PSI
Applications	For packaging of static sensitive electronic components without loss of visibility for identification.

The values in the above table were developed from random samples taken from production material we believe to be typical for the product. Actual values, however, may vary somewhat from those depicted here and AMI makes no warranty, expressed or implied, as to the suitability or these materials for any specific use. Customers should determine product suitability based upon their own initial criteria. Nothing herein is to be taken as license to operate under or a recommendation to infringe upon any patent.

