



Pure-Shield™

ANTI-STATIC / POLYESTER / METAL / ANTI-STATIC POLYETHYLENE

Physical

Properties

<u>Properties</u>	<u>Test Method</u>	<u>Specification</u>
Thickness	PST #001	3.1 mil
Yield	PST #002	9,000 Sq. in/lb.
Tensile Strength	ASTM D-882	15 lbs. /in
Puncture Resistance	FTMS 101C Method 2065	> 12 lbs.
Tear Initiation	ASTM D-1004-94A	> 2 lbs.
Mullen Burst	ASTM-D-774	82 psi
Seam Strength	ASTM-D-882	> 12 lbs. /in
Haze	ASTM-D-1003	4%
Optical Density		0.35-0.45
Transparency	ASTM D-1003	40 %
Heat Seal		375° F 0.5 Sec 60 psi
Blocking		None

Electrical

Properties

<u>Properties</u>	<u>Test Method</u>	<u>Specification</u>
Surface Resistivity	ASTM D-257 @ 15% RH	PE < 10 ¹¹ OHMS/Sq. PET < 10 ¹¹ OHMS/Sq.
Electrostatic Decay	FTMS 101 Method 4046	0.01 sec.
Capacitance Probe	EIA-541	< 10 Volts Difference
Metal Layer	ETS-8C3 at 15% RH	< 100 Ω

Chemical

Properties

<u>Properties</u>	<u>Test Method</u>	<u>Specification</u>
Contact Corrosivity	FTMS 101 Method 3005 (Sodium fluouonco phosphate & sulfate ions)	no visible sign after testing at deterioration

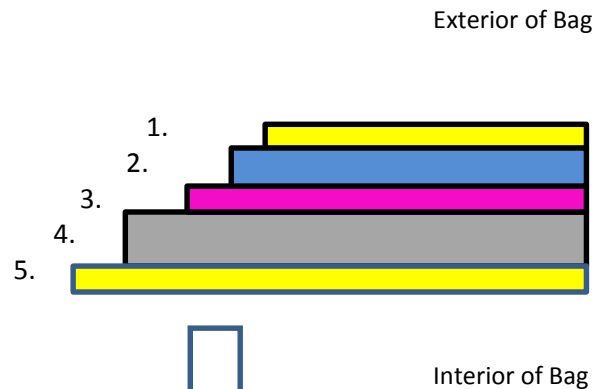
Sizes: As specified by customer, also available in reclosable top.

Recommended Conditions for Heat Sealing:

Product is suitable for automatic bag-making machine:

Temperature:	250°-375° F
Time:	0.5-3.5 seconds
Pressure:	30-70 P.S.I.
Applications:	For packaging of static sensitive electronic components without loss of visibility for identification.

Material Structure



1. Static Dissipative Coating
2. Polyester
3. Aluminum
4. Purestat™ Dissipative Polyethylene
5. Static Dissipative Coating

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