

## APStat™ Static Dissipative Film (APST)

The APStat product line is designed for packaging of non-ESD, static-sensitive electrical and electronic components. APStat is a linear low density polyethylene film with a special additive that prevents static build-up on the bag, protecting the packaged products from static discharge. APStat is amine-free, and polycarbonate and silver solder compatible.

APStat material is available in clear (APST), pink (APSP), blue (APSB), clear-white combination (CWAP) and blue-white combination (BWAP) to serve a variety of industries.

Genuine Autobag® bags-on-a-roll and AirPouch® protective packaging products are system-matched and guaranteed to run on Automated Packaging Systems' equipment.

## Technical Information

Press Printing	Yes
Imprinting	Yes
Trim Seal	Yes
Bag Mil Thickness	1.5, 2.0, 3.0
Bag Configurations	Autobag
Static Charge Dissipation	5000v to <50v, <2.0 sec
Surface Resistivity	>1 x 10 <sup>5</sup> <1 x 10 <sup>12</sup> Ohms/in <sup>2</sup>

Performance Data:	U/M	1.5/LD	2.0/SD	3.0/ET	ASTM
Haze	%	15.6	13.7	16.5	D-1003
Puncture Resistance (Dart)	grams	170	230	315	D-1709
Tensile Strength MD	psi	3423	3518	3604	D-882A
Tensile Strength TD	psi	2687	2665	3099	D-882A
Elongation MD	%	489	555	670	D-882A
Elongation TD	%	654	619	754	D-882A
Elmendorf Tear MD	grams	197	385	788	D-1922
Elmendorf Tear TD	grams	920	1190	1662	D-1922
OTR	cc/100in <sup>2</sup> /day	157.9	118	92	D-3985
MVTR	g/100in <sup>2</sup> /day	0.48	0.43	0.31	F-1249

## Formulations

- APST
- APSP
- APSB
- CWAP
- BWAP



## Features & Benefits

- Dissipates static to protect sensitive products
- Amine-free
- Polycarbonate and silver solder compatible



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect APST material only. Certain minimum purchase volumes may apply.

888-AUTOBAG   info@autobag.com   autobag.com

Automated Packaging Systems, Inc. 10175 Philipp Parkway, Streetsboro, Ohio 44241

Patent(s): [www.autobag.com/patents](http://www.autobag.com/patents)

© July 2018 Automated Packaging Systems, Inc. Features, Options & Technical Specifications subject to change. The use of the ® or ™ symbol indicates that Automated Packaging Systems, Inc. has registered or is otherwise claiming trademark rights in the United States. These marks may also be registered in other countries and common law rights may apply in countries where such rights are recognized.