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## Electrostatic Dissipative Pink Film and Bags for the Protection of Electronic Packaging

Product Type:	Anti-static Pink Bags (Open Top and LOC- Top)
Description & Specification:	The main carrier of this product is based on linear or low density polyethylene with an amine free additive system which differs from traditional amine containing antistats. It is recommended for all antistatic applications that currently use tertiary amines. The non reactivity of this product makes it ideal for the packaging of polycarbonate printed circuit boards. Tertiary amines (Tattowamine, Stenrylamine, and Cocoamine) react with polycarbonate destroying it integrity. These new improvements are non-reactive with polycarbonate, intensive to moisture, non corrosive, non irritating and heat stable, it is antistatic immediately after being produced which meets MIL spec 81705-B decay rate test immediately when produced.
Colour:	Pink Tint
Widths & Thickness:	These products can be manufactured to cover a wide range of sizes of film and bags which are available on request.
Tensile Strength Elongation Break:	When measured according to BS 2782, method 30 IE AND Annex of Defence Standard 93-13/Issue 1, AT the tensile strengths in both the longitudinal and transverse directions shall be not less than 12 Mpa and the elongation break shall be not less than 250% in either direction. For open widths less than 150mm only the longitudinal properties can be measured. Note : IPa = IN/m <sup>2</sup>
Tear Resistance:	When measured according to BS 2782 Method 308A and Annex C of DEF 93-13/1, the tear resistance of the material in both the longitudinal and transverse directions shall be not less than 50N/mm thickness.
Surface Resistivity:	When measured according to ASTM method D-257-66, surface resistivity of $10^{10}$ - $10^{11}$ ohms/sq are achieved. This meets MIL spec 81705-B.



## Plastic Material Specifications

### Physical Properties

PROPERTY	METHOD	UNIT	VALUES
Density at 23°C	ASTN D 1505	g/ml	0.92
Stiffness at 23°C	ASTM D882	Kg/cm <sup>2</sup>	1.760
Tensile strength, MD	ASTM D882	Kg/cm <sup>2</sup>	250
Tensile strength, TD	ASTM D882	Kg/cm <sup>2</sup>	230
Ultimate Elongation, MD	ASTM D882	%	450
Ultimate Elongation, TD	ASTM D882	%	600
Static Decay @ 15% R.H 73°F	FTMS 101B Method 4046 (MIL-B081705B DECAY TEST)	Sec	<1.5
Surface Resistivity	ASTM D257	Ohm/sq	</- 10 <sup>11</sup>

Note: This specification in this data sheet are subject to possible change due to our continuous programme of material improvement, buyer or user shall be responsible for deciding the suitability of the product for his intended use.