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Specification of Pink Anti-Static Gusseted Bag

PART No. 105-PKG

PINK ANTISTATIC POLYETHYLENE FILM – BAGS

Pink antistatic polyethylene material is designed to be low charge generating and to be static dissipative. This material is designed for use within an EPA where the high charges generated by standard packaging materials must be avoided. They can be used as intimate packaging as defined in BS IEC 61340-5-1 but please note that they do not offer any electrostatic shielding.

PHYSICAL PROPERTIES

Density:	0.92g/cm	ASTM D792
Thickness	25 – 150 micron	
Tensile Strength:	MD > 10-12mpa	BS 2782
	TD > 10-12mpa	BS 2782
Elongation:	MD > 250-300%	BS 2782
	TD > 400-500%	BS 2782
Tear Resistance	>50N/mm Thickness	BS 2782

ELECTRICAL PROPERTIES

Surface Resistance Inner:	$<10^{10}$ Ohms	10^{10} -10^{11} Ohms	ESD S.11.11
Surface Resistance Outer:	$<10^{10}$ Ohms	10^{10}- 10^{11} Ohms	ESD S.11.11
Charge Decay:	<2 secs		Mil-PRF-81705
Shelf Life:	2 years +		
ROSH/ REACH Compliant			

CHEMICAL PROPERTIES

Antistatic Additive — Amine Free - Non-Corrosive and Polycarbonate Compliant

PRODUCTS:

Open Top Bags – Reseal Bags – Tubing – Sheeting – Covers - Printed or plain

APPLICATIONS:

Pink material is useful for packaging items that have no static susceptibility. Its primary use is to package, support or processing material that will be in close proximity to static sensitive devices. This keeps static generating packaging materials away from sensitive areas. Pink material is also known as TYPE II material from the U.S. military standard MIL-PRF-81705D.

ABILITIES:

The material has the ability to dissipate a static charge to ground. This keeps charge (static electricity) from building up on the package or the device. The material is also antistatic, suggesting that it will not charge up (tribocharge) when rubbed against other materials. The material's surface resistance is in the dissipative range and is usually about 10^9 to 10^{11} unfortunately these bags have no shielding ability

ABOUT KAISERTECH

Founded in 1998, Kaisertech Ltd is situated in Eastleigh, Hampshire.
Through hard work and dedication Kaisertech has grown to be a well-recognized supplier of electronic production equipment and tools.

Specialists in: Soldering, Static Control, Vision, Industrial Furniture, Electric Screw Drivers & Special Projects.

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