

RoHS  
Compliant



## Features

- Our pink antistatic bags are blow-molded with anti static additives from LDPE and LLDPE
- Soft texture and flexible
- Surface resistance of  $10^8 \sim 10^{11} \Omega$
- Static release time is >2 secs

Pink anti static bags have the ability to dissipate a static charge to ground preventing static charge building up on the package or device. The material is also antistatic and will not charge up when rubbed against other materials.

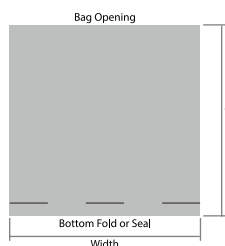
Note, these bags have no shielding ability. A static field or discharge occurring outside the bag will penetrate the bag and damage electronics inside.

## Additional Notes

Recommend that all of our pink anti static bags be used within 2 years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 21°C to 23°C and relative humidity is 45% to 50%.

## Configuration(s):

Bags are offered with a single seal or bottom fold, extruded from a PE tube. The bags are provided with our standard artwork.



## Standard Bag Artwork:

Pink antistatic bags are produced with the following sample artwork as standard.



## Specifications

Material : PE  
Total Thickness : 0.075mm

Item		Typical Value	Test Method
Thickness		±10%	MIL-STD-3010 1003
Tensile breaking force	TD	≥20N/25mm	ASTM D882
	MD	≥20N/25mm	ASTM D882
Elongation at break	TD	≥600%	ASTM D882
	MD	≥600%	ASTM D882

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# Pink Antistatic Bag

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Item		Typical Value	Test Method
Tear Strength	TD	≥4.5N	ASTM D1004
	MD	≥4.5N	ASTM D1004
Seal Strength		≥13N/15mm	MIL-PRF-81705E
Puncture Resistance		≥15N	FTMS 101C Method 2065.1
Surface Resistance (Inner)		10 <sup>8</sup> -10 <sup>11</sup> Ω	ANSI/ESD STM11.11
Surface Resistance (Outer)		10 <sup>8</sup> -10 <sup>11</sup> Ω	ANSI/ESD STM11.11

## Test Conditions

The following results were taken under the following environmental test conditions: Temperature: 22°C / Humidity: 46%

Item:	Test Standard:	Result:
Film Composition	N/A	LDPE
Film Thickness	Micron Meter	75 micron (±8%) (where applicable)
Melt Index	GB3682	2.1 g/10min
Surface Resistivity	GB3682	<10 <sup>10</sup> Ω/sq
Water Absorption Rate	GB/96-04-10	0.5%
Density	GB 1033	0.92 g/cm
Tensile Strength	GB/96-04-10	MD: 32.01 MPa TD: 33.75 MPa
Breaking Elongation Rate	GB/96-04-10	MD: 1200% TD: 685%
Friction Coefficient	GB/96-04-10	Outer Surface: 0.09 Us Inner Surface: 0.08 Ud
Static Dissipation	SJ/T10694-1996	<2 Secs
Appearance	GB/96-04-10	Translucent Sheet (No powder and oil)
Size	GB/96-04-10	Thickness: ±10%   Length: ±3mm   Width: ±3mm

## Test Conclusion:

The pink antistatic LDPE bag is tested accordant with the relevant test standard and requirements.

Test Item:	Test Method:	Measured Equipment(s):	MDL:
Lead (Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
Cadmium (Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
Mercury (Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg

## Note:

The bags are ADD compliant, therefore reserve the right to ship thicker bags from time to time to accommodate ADD import duty tariffs.

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## Part Number Table

Description	Part Number
Pink Antistatic Bag 300 Gauge / 75 Micron, 305mm×406mm, PK100	001-0029

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