



### Features:

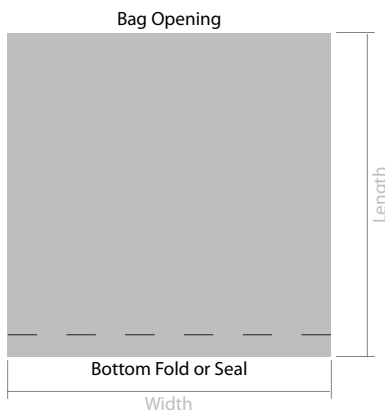
- Black conductive bags made from blow molded LDPE with carbon
- The black bag is light tight and effectively avoids accumulation of electric charge on the bag and its contents
- Protects contents from damage of electromagnetic wave and static
- This product can be heat sealed and offers medium level static protection
- Surface resistance is  $10^4$ - $10^6\Omega$

### Additional Notes:

We recommend that all of our black conductive 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 - 23°C and relative humidity is 45 - 50%.



Carbon Loaded Polyethylene



### Construction:

Our black conductive bags are constructed from a conductive material made out of a 4 mil single layer of carbon loaded polyethylene, creating a Faraday Cage effect. Conforms to military specification MIL-PRF-81705D Type II.

### Configuration(s):

Our bags are available in custom sizes or in several industry standard sizes. Bags are offered with a single seal or bottom fold, extruded from a PE tube.

BLACK CONDUCTIVE BAG  
ANT006BCB

THIS BAG IS ROHS COMPLIANT

### ATTENTION

OBSERVE PRECAUTIONS  
FOR HANDLING ELECTROSTATIC  
DISCHARGE SENSITIVE DEVICES



### Standard Bag Artwork:

Our black conductive bags are produced with the following sample artwork as standard.

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# Black Conductive Bag\_ANT006BCB



## Test Conditions:

The following results were taken under the following environmental test conditions: Temperature: 22.1°C / Humidity: 47.8%

## Technical Parameters:

Item:	Test Standard:	Result:
Melt Index	GB3682	2.1 g/10min
Inner / Outer Surface Resistivity	GJB2605-1996	$10^4 - 10^6 \Omega$
Static Voltage Attenuation Period	IEC61340-5-1	$\leq 2$ secs
Water Absorption Rate	GB/96-04-01	0.5%
Density	GB1033	0.92 g/cm
Tensile Strength	GB/96-04-01	MD: 33 MPa TD: 34.85 MPa
Breaking Elongation Rate	GB/96-04-01	MD: 1180% TD: 689%
Friction Coefficient	GB/96-04-01	Outer Surface: 0.08 Us Inner Surface: 0.08 Ud
Heat Seal Temperature	GB/96-04-01	250-375 F
Size	GB/96-04-01	Thickness: $\pm 10\%$ Length: $\pm 3$ mm Width: $\pm 2$ mm
Appearance	GB/96-04-01	Black Sheet (No powder or oil)

## Test Conclusion: (Date of Issue: 2009-04-25)

The black conductive PE 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

Product Code:	Description:	Size (inches):	Size (mm):	Additional Notes:
1687805	Black Conductive Bag	4 x 12	102 x 305	Pack of 100 (Ref: 006-0008f)

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