

# Black Conductive Bag\_ANT006BCB



## 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  $10^4$ - $10^6\Omega$

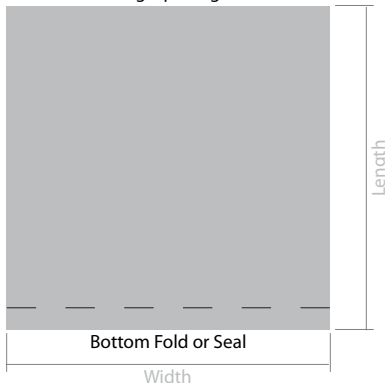
## Additional Notes:

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

Bag Opening



## 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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## 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<br>TD: 34.85 MPa                                      |
| Breaking Elongation Rate          | GB/96-04-01    | MD: 1180%<br>TD: 689%                                            |
| Friction Coefficient              | GB/96-04-01    | Outer Surface: 0.08 Us<br>Inner Surface: 0.08 Ud                 |
| Heat Seal Temperature             | GB/96-04-01    | 250-375 F                                                        |
| Size                              | GB/96-04-01    | Thickness: $\pm 10\%$<br>Length: $\pm 3$ mm<br>Width: $\pm 2$ mm |
| Appearance                        | GB/96-04-01    | Black Sheet<br>(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:            |
|---------------|----------------------|----------------|-----------|------------------------------|
| 1687801       | Black Conductive Bag | 3 x 5          | 76 x 127  | Pack of 100 (Ref: 006-0001f) |

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Электрон  
Связь**

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