



Features:

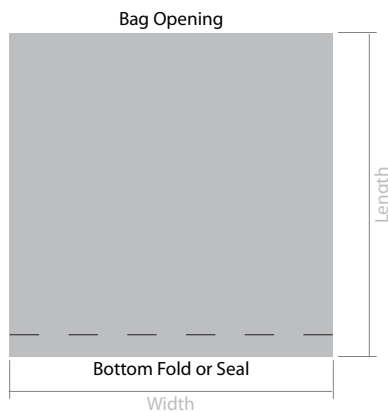
- Black conductive bags made from blow molded LDPE with carbon
- The black bag is light tight and effectively avoids accumulation of electric charge on the bag and its contents
- Protects contents from damage of electromagnetic wave and static
- This product can be heat sealed and offers medium level 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 | ≤ 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: ± 3 mm Width: ± 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: |
|---------------|----------------------|----------------|-------------|-----------------------------|
| 1687835 | Black Conductive Bag | 16 x 18 | 406 x 457.2 | Pack of 100 (Ref: 006-0045) |

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