



# ANTISTAT

## Black Conductive Bag

### ANT006BCB

#### Description

These black conductive bags are produced from carbon loaded LDPE. A traditional method of packaging electronic devices, these light tight bags avoid accumulation of electric charge on the bag and its contents.

#### 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  $10^3$ - $10^5\Omega$



#### 1 Bag Opening



#### 2

Bottom Fold or Seal

Width

Length

#### 1 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. The bags are provided with our standard artwork or your company's flexographically printed logo (minimum order qty's apply).

#### 2 Standard Bag Artwork

Our black conductive bags are produced with the following sample artwork as standard. For further information on bespoke/printed orders, please contact one of our sales team.

#### 3 Construction

Our black conductive bags are constructed from a conductive material made out of a 4 mil single layer carbon loaded polyethylene. creating a Faraday Cage effect.

#### 3

Carbon Loaded Polyethylene

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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
Surface Resistivity	GJB2605-1996	$10^3 - 10^5 \Omega$
Static Voltage Attenuation Period	IEC61340-5-1	<2 secs
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%
Heat Seal Temperature	GB/96-04-01	250-375 F
Size	GB/96-04-01	Thickness: $\pm 10\%$ Length: $\pm 3\text{mm}$ Width: $\pm 3\text{mm}$
Appearance	GB/96-04-01	Black sheet (No powder or oil)

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Product Code	Description	Size (inches)	Size (mm)	Additional Notes
006-0001	Black Conductive Bag	3 x 5	76 x 127	Pack of 100
006-0003	Black Conductive Bag	4 x 6	102 x 152	Pack of 100
006-0009	Black Conductive Bag	5 x 8	127 x 203	Pack of 100
006-0012	Black Conductive Bag	6 x 8	152 x 203	Pack of 100
006-0013	Black Conductive Bag	6 x 10	152 x 254	Pack of 100
006-0020	Black Conductive Bag	8 x 10	203 x 254	Pack of 100
006-0021	Black Conductive Bag	8 x 12	203 x 305	Pack of 100
006-0026	Black Conductive Bag	10 x 12	254 x 305	Pack of 100
006-0027	Black Conductive Bag	10 x 14	254 x 355	Pack of 100
006-0037	Black Conductive Bag	12 x 16	305 x 406	Pack of 100

Note: Other sizes available upon request.

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