

Datasheet

Black Conductive ESD-Safe Bag



Description:

Black conductive bags made from blow moulded 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 - $10^6\Omega$

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.

**Test Conditions:**

This product was tested under the following environmental conditions:

Temperature: 22.1 °C
Humidity: 47.8 %

RS Stock No.	Description	Size (mm)	Additional Notes
550-072	Black Conductive Bag	127 x 203	Pack of 10
550-088	Black Conductive Bag	203 x 254	Pack of 10
550-094	Black Conductive Bag	252 x 305	Pack of 10
550-101	Black Conductive Bag	305 x 406	Pack of 10
550-117	Black Conductive Bag	406 x 508	Pack of 10