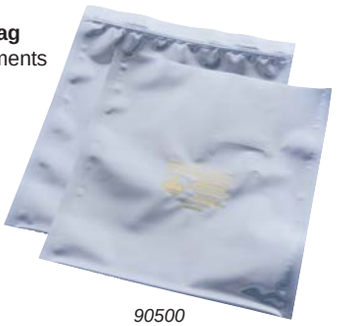
ESD Bags Meet EN 61340-5-1 Requirements

"Low charging packaging exhibiting properties which minimise any charge generation" (paragraph 3.18.1) "Electrostatic discharge shielding barrier or enclosure that limits the passage of current and attenuates the energy resulting from an electrostatic discharge such that the maximum energy from 1,000 V human body model discharge is less than or equal to 50 nJ." (paragraph 3.18.2) "Identified with ESD packaging symbol, manufacturer, and batch identification number" (paragraph 4.1.2)

For Complete Listing of Part Numbers, Features, and Technical Bulletins and Drawings
Visit Us On-Line: Charleswater.co.uk

Statshield® Transparent Metal In Standard ESD Shielding Bags


90500

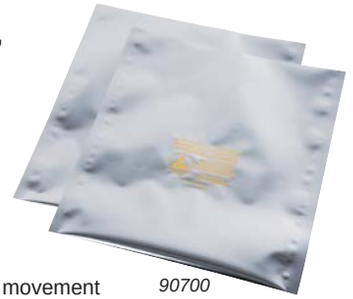
- **General use ESD shielding bag**
  Excellent value. Meets requirements of MIL-PRF-81705D, Type III.
- **40% light transmission**
- **Integral antistatic, low tribocharging properties**
  Bag contents will not electrostatically charge during movement
- **Resistance of outer surface: <10E11 ohms**
- **Thickness: 3.0 mil**
- **Made in America**
  Superior quality

Statshield® Transparent Metal Out ESD Shielding Bags


90300

- **Aluminum metal outer layer of laminated film**
  Metal out required by many end users. Meets requirements of MIL-PRF-81705D, Type III.
- **40% light transmission**
- **Integral antistatic, low tribocharging properties**
  Bag contents will not electrostatically charge during movement
- **Resistance of outer surface: <10E8 ohms**
- **Thickness: 3.0 mil**
- **Made in America**
  Superior quality

Statshield® EMI/RFI ESD Moisture Barrier Bags

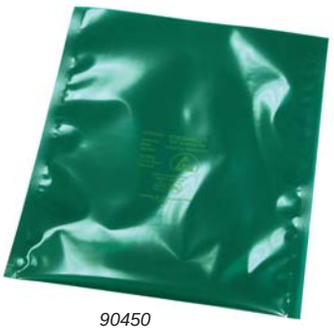

90700

- **Protects contents from ESD, moisture, and EMI/RFI interference**
  Meets requirements of MIL-PRF-81705D, Type I
- **3.5 mil thick**
  <0.002 grams MVTR
- **Integral antistatic, low tribocharging properties**
  Bag contents will not electrostatically charge during movement
- **Resistance of outer layer: <10E12 ohms**
- **Made in America**
  Superior quality

Also Available from Charleswater:

- **Protektive Shield™ ESD Moisture Barrier Bags**
- **Pink Antistatic Bags**
- **Desiccant and Humidity Indicators**
- **Lead-Free Marking Tape**
- **Wescorp™ Tape Dispensers**

Statshield® Metal-In Green ESD Shielding Bags


90450

- **ESD Shielding**
  Meets requirements of MIL-PRF-81705D, Type III
- **Lead-Free RoHS compliant**
  Appropriate ESD packaging for Lead-Free RoHS products
- **Provides easy identification of Lead-Free assemblies and components**
- **Resistance of outer surface: <10E11 ohms**
- **Thickness: 3.0 mil**
- **Made in America**
  Superior quality

Wescorp Antistatic Low Charging Tape

ANTISTATIC CELLULOSE TAPE

- Available in clear and clear with ESD susceptibility symbols
- Ideal for general purpose applications such as container sealing and masking
- Temperature range 10 degrees C - 55 degrees C; meets Mil-B-81705 of 100 degrees C for 10 min max
- Adhesive surface resistivity 10E10 ohms

ANTISTATIC CONDUCTIVE SHIELDING GRID TAPE

- For qpplications requiring EMI shielding
- Both surfaces are dissipative; able to conduct charges to ground
- Copolymer layer 10E12 ohms
- Adhesive copolymer resistivity 10E9 ohms
- Conductive grid layer 10E4 - 10E5 ohms at 50% RH
- 1.9 mil (0.049mm) total thickness acrylic based adhesive

ANTISTATIC HIGH TEMP MASKING TAPE

- Used in applications masking PCB gold
- Max temp 135°C 45 minutes max
- Adhesive surface 10E11 ohms
- 7 mil (0.18mm) total thickness

ANTISTATIC HIGH TEMP POLYIMIDE TAPE

- Designed for applications masking PCB gold
- Max temperature 300°C for 10 seconds
- Adhesive surface resistivity 10E3 to 10E4 ohms
- 1.4 mil thick (0.0356mm) conductive polysiloxide adhesive
- 1.0 mil thick (0.0254mm) polyimide film (DuPont Kapton® or equivalent)

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