Moisture Barrier Bag Dri-Shield® 2700

This aluminized moisture barrier bag is designed to provide a static safe environment for sensitive electronic devices. A stronger polyester layer helps to prevent sharp trays from puncturing the bag. The bags are heat sealable and suitable for vacuum packaging. Bags are printed with ESD and moisture warning symbols and a lot code for traceability.

SCS Moisture Barrier Bags Dri-Shield® 2700 are manufactured from a laminate of multiple layers of aluminized polyester and polyethylene. Polyester provides puncture resistance. Metal layers are intended to provide shielding of Electrostatic Discharge (ESD) and to help minimize the penetration of electric field.

Moisture Vapor Transmission Rate (MVTR) ≤ 0.030 grams/100 sq. in./24 hrs MIL-STD-3010C Method 3030

Tensile Strength 6550 PSI, 45 MPa ASTM D882
Puncture Resistance 30 lbs, 133 N MIL-STD-3010 Method 2065
Seal Strength 20 lbs, 89 N ASTM D882
Thickness 7 mils, 0.007” ±10% MIL-STD-3010 Method 1003
Marking Adhesion Pass IPC-TM-650 2.4.1

Electrical Properties:
- ESD Shielding <10 nJ ANSI/ESD STM11.31
- Surface Resistance - Interior 1 x 10^4 to < 1 x 10^11 ohms ANSI/ESD STM11.11
- Surface Resistance - Exterior 1 x 10^4 to < 1 x 10^11 ohms ANSI/ESD STM11.11
- EMI Attenuation 45 dB 1 to 10 GHz

Cleanliness
- Silicone Not Detected FTIR

Heat Sealing Conditions
- Temperature 400°F, 204°C
- Time 0.6 – 4.5 seconds
- Pressure 30 – 70 PSI, 206 – 482 KPa

Bag is free of amines, silicones and heavy metals.

This product is intended for commercial use only. This product is not on the Qualified Product Listing under the Defense Standardization Program.

NOTE: The complete dry package concept of packaging for electronics requires three elements:
- Moisture Barrier Bags - To Protect
- Desiccants - To Absorb Moisture
- Humidity Indicator Cards - To Monitor Performance

Specifications and procedures subject to change without notice.

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RoHS 3, REACH, and Conflict Minerals Statement
None of the RoHS 3 restricted materials or REACH substances of very high concern as of 2017/07/07, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See SCS Warranty, Limitation of Liability and Remedies.