

### RPK-3000 Foil Moisture Barrier Bag

RPK-3000 Foil Moisture Barrier Bags are made of multiple layers of Nylon, Foil, and Polyethylene to provide a safe and effective package for your ESD and moisture sensitive products. This highly flexible structure is easy to vacuum and seal. The foil layer assures compliance with the Moisture Vapor Transmission Rate (MVTR) required by the IPC/JEDEC J-STD-033 specification for handling, packaging and shipping of moisture sensitive surface mount devices. Bags are coded for QC traceability.

#### Specifications

##### Physical Properties

MVTR (g/100sq. In./24 hrs)  
 Puncture Resistance  
 Thickness  
 Tensile Strength  
 Seal Strength  
 Heat Sealing Conditions  
 Temperature  
 Time  
 Pressure

##### Typical Values

< .0003  
 17 lbs.  
 6.1 mils. nominal  
 >5500  
 Pass  
 300°F - 400 °F  
 0.6 – 4.5 seconds  
 30 – 70 psi  
 ASTM F 1249  
 FTMS 101 MTH 2065  
 MP005  
 ASTM D882  
 MIL-STD-81705

##### Electrical Properties

Surface resistivity / Resistance  
 Interior  
 Exterior  
 Metal  
 Static Shielding  
 Static Shielding  
 EMI Attenuation  
 Static Decay  
 Non-corrosive  
 Outgassing

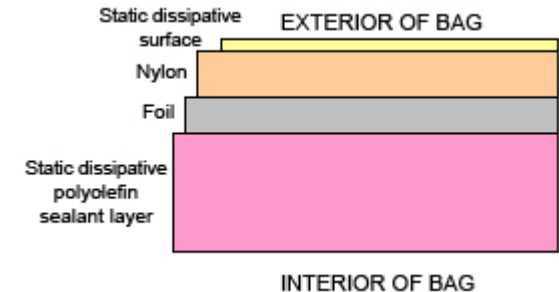
ASTM D257  
 < 10<sup>11</sup> ohms/square  
 < 10<sup>11</sup> ohms/square  
 100 ohms  
 < 15 volts  
 < 10 nJ  
 45 db  
 < 0.02 seconds  
 Pass  
 Pass  
 or ANSI/ESD STM 11.11  
 or < 10<sup>11</sup> ohms/square  
 or < 10<sup>11</sup> ohms/square  
 EIA 541  
 EOS/ESD S11.31  
 MIL-STD-81705  
 FTMS 101 MTD 4046  
 FTMS 101 MTD 3005  
 ASTM E595



RPK-3000 Static Shield Moisture Barrier Bag

#### Material Structure

6 mils of nylon, foil and polyethylene providing a low moisture vapor transmission rate (MVTR) with exceptional ESD properties. This foil moisture barrier bag meets or exceeds the ESD protective requirements for packaging ESD and moisture sensitive electronics devices.



\*This product is not on the Qualified Product Listing under the Defense Standardization Program.



### RPK-3000 Foil Moisture Barrier Bag

PRODUCT  
 FOIL MOISTURE BARRIER BAG  
 STATIC SHIELD

DATASHEET  
 RPK-3000-A

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