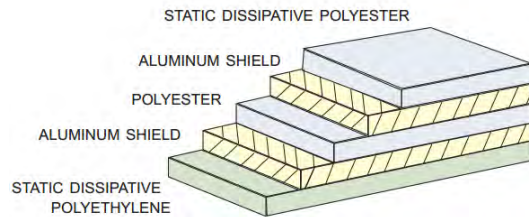
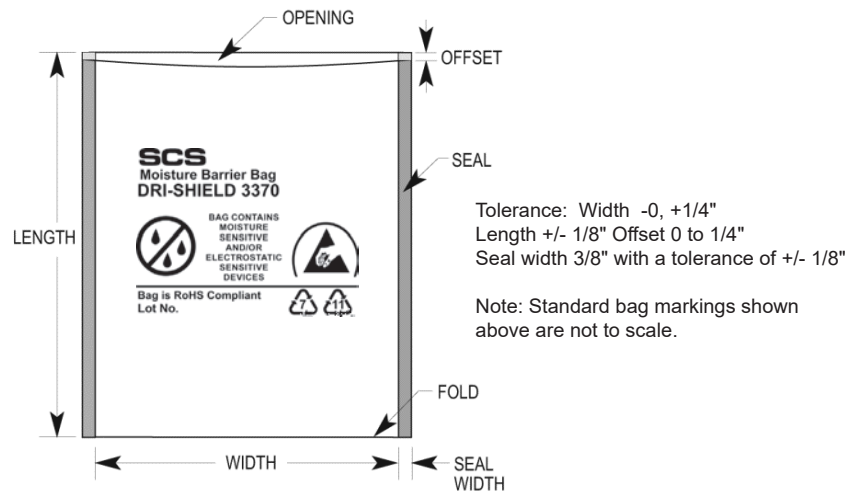


# Moisture Barrier Bag 3370

This aluminized moisture barrier bag is designed to provide protection to moisture and ESD sensitive items including outside an ESD protected area. The bags are heat sealable and suitable for vacuum packaging. Bags are printed the ESD protective and moisture sensitive symbols and a lot code for traceability.

SCS Moisture Barrier Bags 3370 are manufactured from a laminate of multiple layers of aluminized polyester and polyethylene. Polyester provides puncture resistance. Metalized layer provides shielding of Electrostatic Discharge (ESD) and minimizes the penetration of electrostatic and electric fields.



Meets ANSI/ESD S20.20, Packaging standard ANSI/ESD S541, and Static Control Bag ANSI/ESD S11.4 Level 3 (except transparency)



Physical	Typical Value	Testing Method
Moisture Vapor Transmission Rate (MVTR)	0.028 grams/100 sq. in./24 hrs	MIL-STD-3010C Method 3030
Tensile Strength	7800 PSI, 54 MPa	ASTM D882
Puncture Resistance	20 lbs, 89 N	MIL-STD-3010 Method 2065
Seal Strength	16 lbs, 71 N	ASTM D882
Thickness	3.6 mils, 0.0036" +/-15%	MIL-STD-3010 Method 1003
Marking Adhesion	Pass	IPC-TM-650 2.4.1
Electrical	Typical Value	Testing Method
ESD Shielding	<10 nJ	ANSI/ESD STM11.31
Surface Resistance - Interior	1 x 10 <sup>4</sup> to < 1 x 10 <sup>11</sup> ohms	ANSI/ESD STM11.11
Surface Resistance - Exterior	1 x 10 <sup>4</sup> to < 1 x 10 <sup>11</sup> ohms	ANSI/ESD STM11.11
Cleanliness	Typical Value	Testing Method
Silicone	Not Detected	FTIR
Outgassing	150 µg/cm <sup>2</sup>	DHS
NVR	7.1 µg/cm <sup>2</sup>	Hexane Extract
IC (Anions)	CL .025 µg/cm <sup>2</sup>	IC of DI Water Extract
	NO3 0.16 µg/cm <sup>2</sup>	IC of DI Water Extract
	S04 not detected	IC of DI Water Extract
Heat Sealing Conditions	Typical Value	
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



Made in the United States of America

Specifications and procedures subject to change without notice.

## 3370 SERIES MOISTURE BARRIER BAG

**DRAWING NUMBER**  
3370 Series

**DATE**  
October 2017

# SCS

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