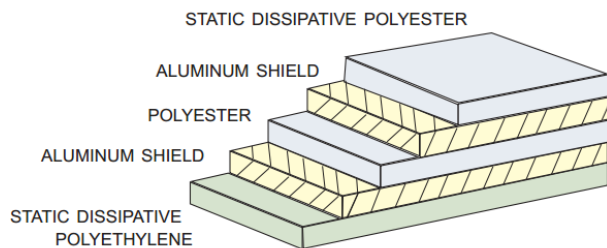
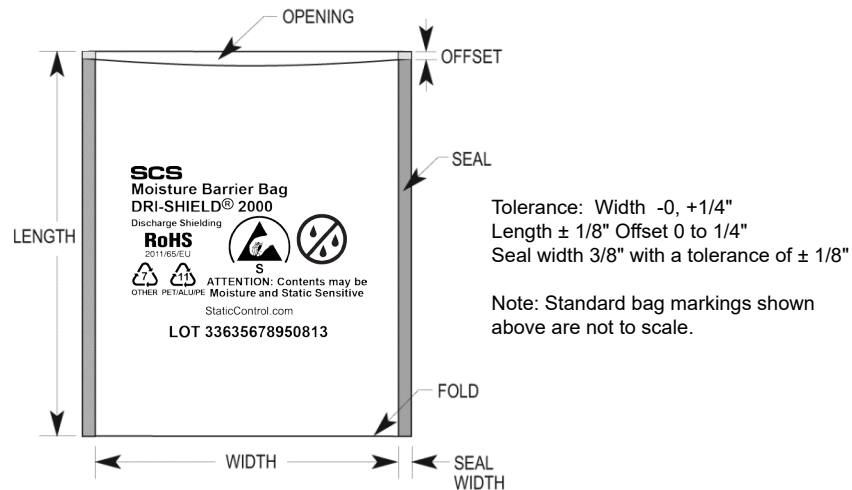


# Moisture Barrier Bag Dri-Shield® 2000



This aluminized moisture barrier bag is designed to provide packaging for ESD and moisture sensitive items, both inside and outside an ESD protected area. 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® 2000 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 while providing moisture protection.



SCS Moisture Barrier Bags are packaged in a polyethylene bag.

### RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2016/06/20, 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](#)

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)	≤0.035 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	15 lbs, 66 N	ASTM D882
Thickness	3.6 mils, 0.0914 mm ±10%	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
EMI Attenuation	45 dB	1 to 10 GHz

Cleanliness	Typical Value	Testing Method
Silicone	Not Detected	FTIR

Heat Sealing Conditions	Typical Value
Temperature	300°F - 400°F, 140°C - 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.

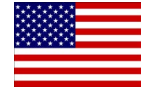
## DRI-SHIELD® 2000 MOISTURE BARRIER BAG

926 JR Industrial Drive, Sanford, NC 27332  
 WEB SITE: [StaticControl.com](http://StaticControl.com)  
 PHONE (919) 718-0000

**DRAWING NUMBER**  
 Dri-Shield® 2000

**DATE**  
 August 2016





Made in the United States of America with Globally Sourced Materials

# Static Control Bag Storage

SCS Static Control Bags do not have a set life span. For best results, bag inventory should be continually replenished. We recommended that bags be stored in their original packaging. The user must determine the suitability of a static control bag for use in his particular application. Bags should be stored in a dry, well ventilated room with a reasonably consistent temperature of 68°F (20°C) and be protected from exposure to direct sunlight. Bags should not be stored in ultraviolet sunlight, moisture, or heat because the aluminum shielding layer could oxidize if exposed to these conditions. Mishandling or improper storage may render a static control bag unable to perform its function. Static control bags that are ripped, torn, or scratched should be discarded. SCS, Desco Industries Inc., recommends those who are tracking the useful life of product use the shipping/invoice date as a reference. Desco Industries, Inc. expressly warrants that for a period of one (1) year from the date of purchase, SCS static control bags will be free of defects in material (parts) and workmanship (labor).

See details of [Warranty, Limitation of Liability and Remedies](#) online at SCS terms and conditions which states in part, “This product will be free from defects in material and manufacture for one year from the time of purchase. SCS MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at the option of SCS, to replace or repair the SCS product or refund the purchase price of the SCS product. Except where prohibited by law, SCS will not be liable for any indirect, special, incidental or consequential loss or damage arising from this SCS product, regardless of the legal theory asserted.”

