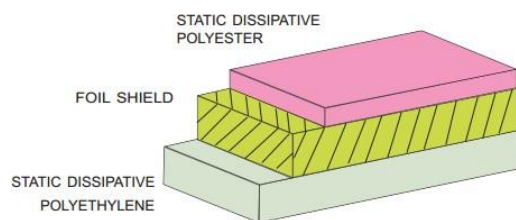
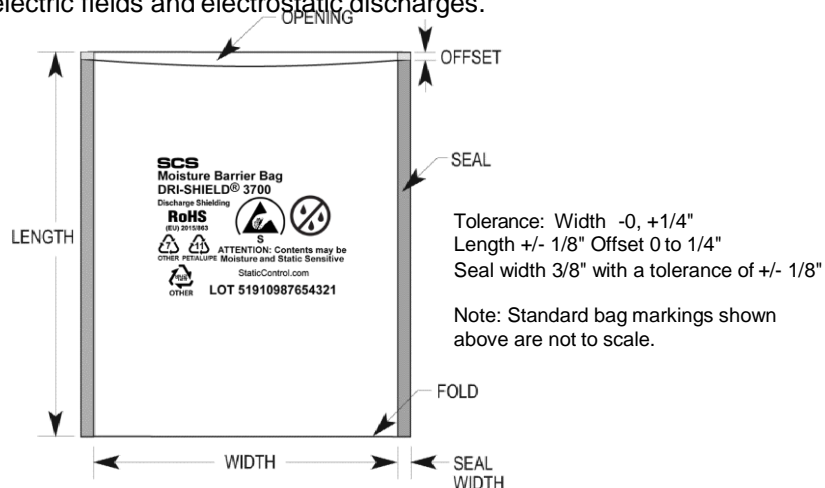


Moisture Barrier Bag Dri-Shield® 3700

This foil moisture barrier bag provides superior protection for ESD sensitive and moisture sensitive electronics, typically SMT (Surface Mount Technology) items. Best practice is to use with Desiccant and a Humidity Indicator Card. The bags are heat sealable and suitable for vacuum packaging. Bags are printed with ESD protective and moisture sensitive warning symbols and a lot code for traceability.

SCS Moisture Barrier Bags Dri-Shield® 3700 are manufactured from a laminate of polyester, foil, and polyethylene. The metal layer provides discharge shielding and minimizes the penetration of electric fields and electrostatic discharges.



SCS Moisture Barrier Bags are packaged in a polyethylene bag.

RoHS, REACH, and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement: DescoIndustries.com/ROHS3.aspx

See the SCS Limited Warranty:

StaticControl.DescoIndustries.com/Limited-Warranty.aspx

Meets ANSI/ESD S20.20, Packaging standard ANSI/ESD S541,

Static Control Bag ANSI/ESD S11.4 Level 1, and IPC/JEDEC J-STD-033

Moisture Vapor Transmission Rate (MVTR)	≤ 0.0003 grams/100 sq. in./24 hrs	ASTM F1249
Tensile Strength	9900 PSI, 68 MPa	ASTM F392 condition E and ASTM F2149
Puncture Resistance	25 lbs, 111 N	ASTM D882
Seal Strength	15 lbs, 66 N	MIL-STD-3010C Method 2065
Thickness	4.2 mils, 0.1067 mm +/-10%	ASTM D882
		MIL-STD-3010 Method 1003

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

Silicone	Not Detected	FTIR
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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:

<https://www.texastechnologies.com/packaging-foil-2/moisture-barrier-bags/> - To Protect

[Humidity Indicator Cards](#) - To Monitor Performance

<https://www.texastechnologies.com/desiccants-hic/desiccants/> - To Absorb Moisture

Made in the United States of America with Globally Sourced Materials.

Specifications and procedures subject to change without notice.

DRI-SHIELD® 3700 MOISTURE BARRIER BAG

3600 W. Whitestone Blvd.
Cedar Park, TX 78613
512.267.0100 – E-Mail: info@texastechnologies.com
www.texastechnologies.com

**DRAWING
NUMBER**
Dri-Schield 3700

DATE
September
2019

TEXAS TECHNOLOGIES, INC.