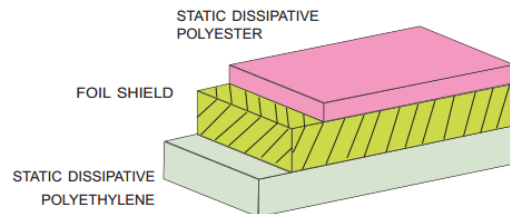
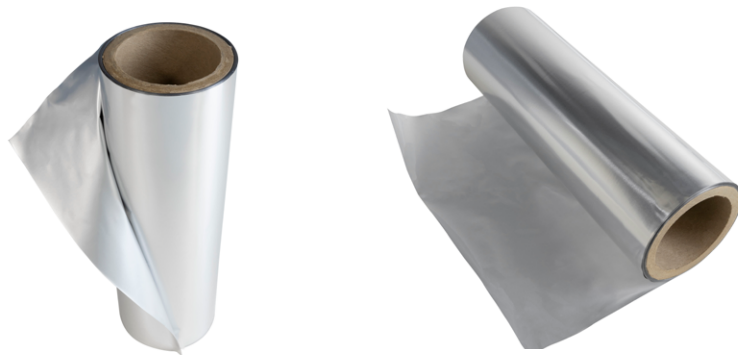


Moisture Barrier Film Dri-Shield® 3700

This foil moisture barrier film 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 film is heat sealable and suitable for vacuum packaging.

SCS Moisture Barrier Film Dri-Shield® 3700 is 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.



RoHS, REACH, and Conflict Minerals Statement

See the DESCO INDUSTRIES INC RoHS, REACH and Conflict Minerals Statement:

Tolerance: Width $\pm 1/8$ "; Length $\pm 10\%$

Unless otherwise noted, $\pm 10\%$

Specifications and procedures subject to change without notice.

Meets ANSI/ESD S20.20, Packaging standard ANSI/ESD S541 and Dry Packing requirements for J-STD-033D



Physical	Typical Value	Testing Method
Moisture Vapor Transmission Rate (MVTR)	≤ 0.0003 grams/100 sq. in./24 hrs ≤ 0.00035 grams/100 sq. in./24 hrs	ASTM F1249 ASTM F392 condition E and ASTM F2149
Tensile Strength	9900 PSI, 68 MPa	ASTM D882
Puncture Resistance	25 lbs, 111 N	MIL-STD-3010C Method 2065
Thickness	4.2 mils, 0.1067 mm $\pm 10\%$	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	1×10^4 to $< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11
Surface Resistance - Exterior	1×10^4 to $< 1 \times 10^{11}$ 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	400°F, 204°C	
Time	0.6 – 4.5 seconds	
Pressure	30 – 70 PSI, 206 – 482 KPa	

Film is free of amines, silicones and heavy metals.

NOTE: The complete dry package concept of packaging for electronics requires three elements:

[Moisture Barrier Film](#) - To Protect

[Desiccants](#) - To Absorb Moisture

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

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

DRI-SHIELD® 3700 MOISTURE BARRIER FILM

SCS

Find Quality Products Online at:

www.GlobalTestSupply.com

sales@GlobalTestSupply.com

**DRAWING
NUMBER**
Dri-Shield 3700

DATE
October
2019