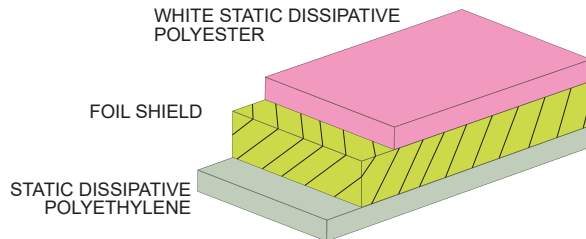


# Moisture Barrier Film Dri-Shield® 3300



This white foil moisture barrier film provides superior protection for ESD and moisture sensitive items. The white outer surface is perfect for printing your company logo or product information. The film is heat sealable and suitable for vacuum packaging. Best practice dry packaging is to use with Desiccant and a Humidity Indicator Card.

SCS Moisture Barrier Film Dri-Shield® 3300 is manufactured from a laminate of white polyester, foil, and polyethylene. The foil layer provides moisture protection, discharge shielding and minimizes the penetration of electric fields and electrostatic discharges.



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

Physical	Typical Value	Testing Method
Moisture Vapor Transmission Rate (MVTR)	≤0.0003 grams/100 sq. in./24 hrs ≤0.002 grams/100 sq. in./24 hrs	ASTM F1249 ASTM F392 condition E and ASTM F1249
Tensile Strength	5500 PSI, 38 MPa	ASTM D882
Puncture Resistance	11 lbs, 80 N	MIL-STD-3010C Method 2065
Thickness	3.3 mils, 0.08 mm ±10%	MIL-STD-3010C 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	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.

### RoHS, REACH, and Conflict Minerals Statement

See the DESCO INDUSTRIES INC RoHS, REACH and Conflict Minerals Statement:  
[Descoindustries.com/ROHS3.aspx](http://Descoindustries.com/ROHS3.aspx)

See the SCS Limited Warranty:  
[StaticControl.com/Limited-Warranty.aspx](http://StaticControl.com/Limited-Warranty.aspx)

**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

Tolerance: Width ± 1/8"; Length ± 10%

Unless otherwise noted, ±10%

Specifications and procedures subject to change without notice.

Made in the United States of America with Globally Sourced Materials

## DRI-SHIELD® 3300 MOISTURE BARRIER FILM

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**DRAWING NUMBER**  
Dri-Shield® 3300

**DATE**  
January 2022

