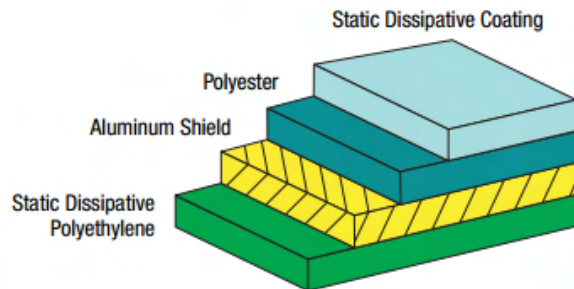
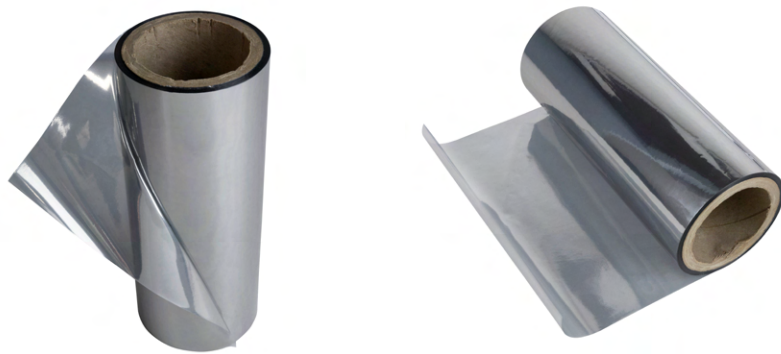




Static Shielding Film 1000 Series

This transparent metal-in static shielding film is designed to provide a static safe environment for ESD sensitive electronic devices. The film is heat sealable.

SCS Static Shielding Film 1000 Series is manufactured from a polyester, metal, polyethylene laminate. The polyester dielectric in concert with the metal layer provides discharge shielding. The exterior being static dissipative allows electrostatic charges to be removed when grounded.



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

Physical	Typical Value	Testing Method
Tensile Strength	4600 PSI, 32 MPa	ASTM D882
Puncture Resistance	12 lbs, 53 N	MIL-STD-3010C Method 2065
Thickness	2.8 mils, 0.071 mm +/-10%	MIL-STD-3010C Method 1003
Marking Adhesion	Pass	IPC-TM-650 2.4.1
Transparency	40%	Tobias
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	$< 1 \times 10^{11}$ ohms	ANSI/ESD STM11.11
Static Decay	< 2 seconds	ETS 406D
Cleanliness	Typical Value	Testing Method
Silicone	Not Detected	FTIR
Heat Sealing Conditions	Typical Value	
Temperature	300°F – 375°F, 149°C – 190°C	
Time	0.5 – 3.5 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

See the SCS Limited Warranty:
StaticControl.com/Limited-Warranty.aspx

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

Unless otherwise noted, $\pm 10\%$

Specifications and procedures subject to change without notice.



Made in the United States of America

1000 SERIES STATIC SHIELDING FILM

DRAWING NUMBER
1000 Film

DATE
October 2019