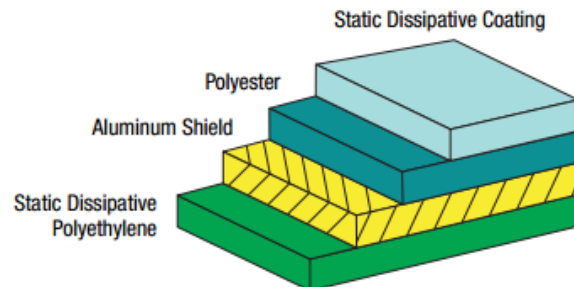
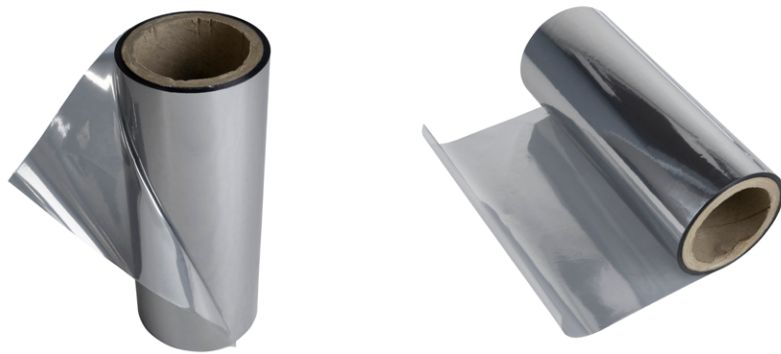


Static Shielding Film 1000 Series

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.



RoHS, REACH, and Conflict Minerals Statement

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

See the SCS Limited Warranty: [Link](#)

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.

Unless otherwise noted, $\pm 10\%$
Tolerance: Width $\pm 1/8"$; Length $\pm 10\%$

Specifications and procedures subject to change without notice.



1000 SERIES STATIC SHIELDING FILM

SCS

1.800.561.8187

www.itm.com

information@itm.com

**DRAWING
NUMBER**
1000 Film

DATE
October
2019