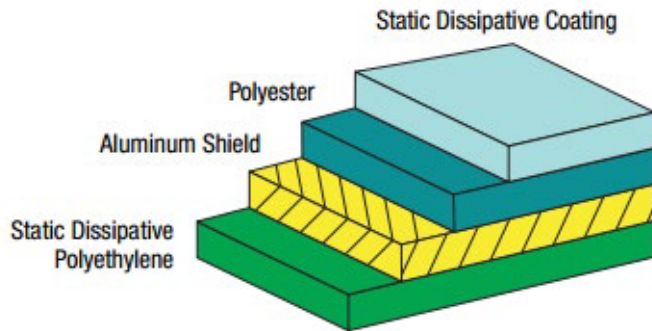


# Static Shielding Film 1000 Series

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:  
[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)

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	$1 \times 10^4$ 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	MIL-STD-3010 Method 4046
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	

Film is free of amines, silicones and heavy metals.

Stock Item Numbers	Roll Size
<a href="#">1000R 48X300P</a>	48" x 300'
<a href="#">1000R 36X3000</a>	36" x 3000'
<a href="#">1000R 48X3000</a>	48" x 3000'
<a href="#">1000R 60X3000</a>	60" x 3000'

*\*Custom sizes available*

Tolerance: Width  $\pm 1/8"$ ; Length  $\pm 10\%$   
 Unless otherwise noted,  $\pm 10\%$   
 Specifications and procedures subject to change without notice.



1000 SERIES STATIC SHIELDING FILM		
926 JR Industrial Drive, Sanford, NC 27332 WEB SITE: <a href="http://StaticControl.com">StaticControl.com</a> PHONE (919) 718-0000   WEST: (909) 627-9634	<b>DRAWING NUMBER</b> 1000 Film	<b>DATE</b> October 2021

