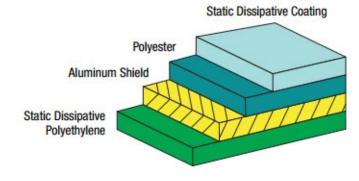
Static Shielding Film 1000 Series

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 Minderals Statement:
Descoindustries.com/ROHS3.aspx

See the SCS Limited Warranty: StaticControl.com/Limited-Warranty.aspx Meets ANSI/ESD S20.20, Packaging standard ANSI/ESD S541

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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 x 10 ⁴ to < 1 x 10 ¹¹ ohms	ANSI/ESD STM11.11
Surface Resistance - Exterior	< 1 x 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
1000R 48X300P	48" x 300'
1000R 36X3000	36" x 3000'
1000R 48X3000	48" x 3000'
1000R 60X3000	60" x 3000'

*Custom sizes available

Tolerance: Width ± 1/8"; Length ± 10% Unless otherwise noted, ±10%

Specifications and procedures subject to change without notice.



1000 SERIES STATIC SHIELDING FILM

926 JR Industrial Drive, Sanford, NC 27332

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DRAWING NUMBER 1000 Film

DATE October 2021